



HRAC Mode of Action Classification 2026

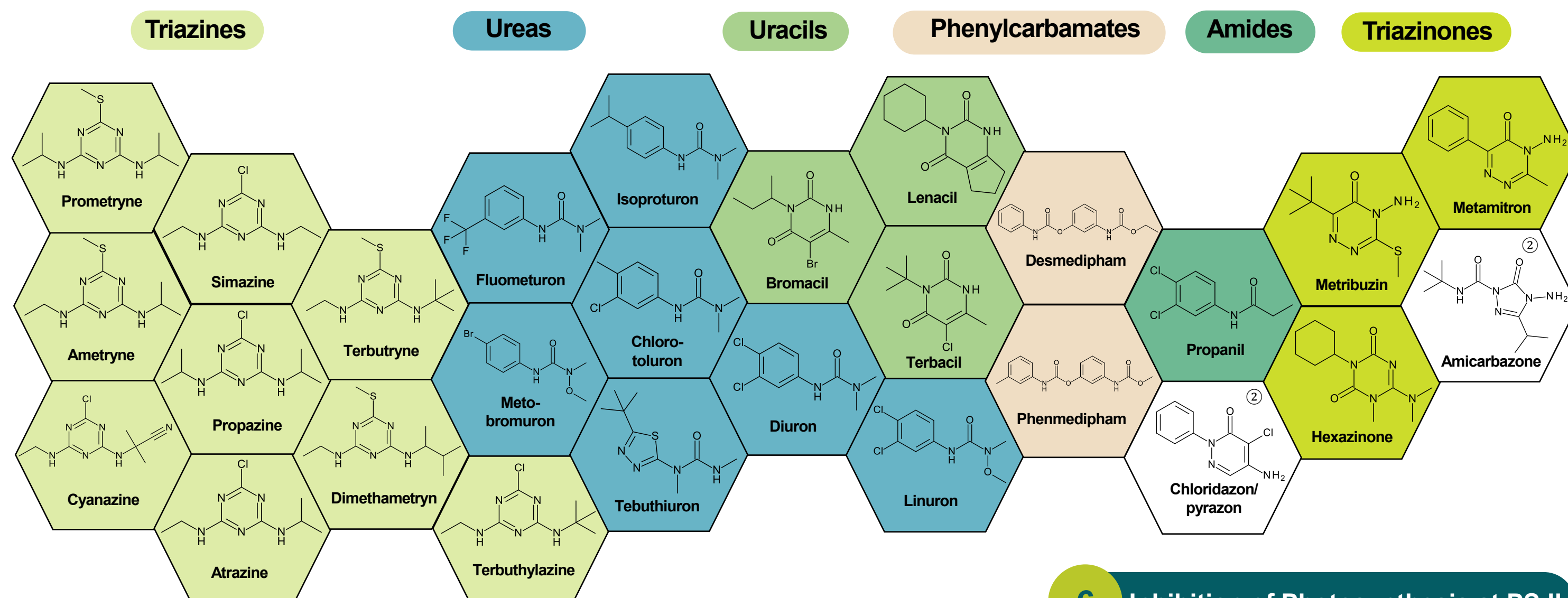
[2026-Herbicide-MoA-Classification-Master-List-with-Molecular-Structures.xlsx](#) Here access the complete herbicide MoA classification excel database.



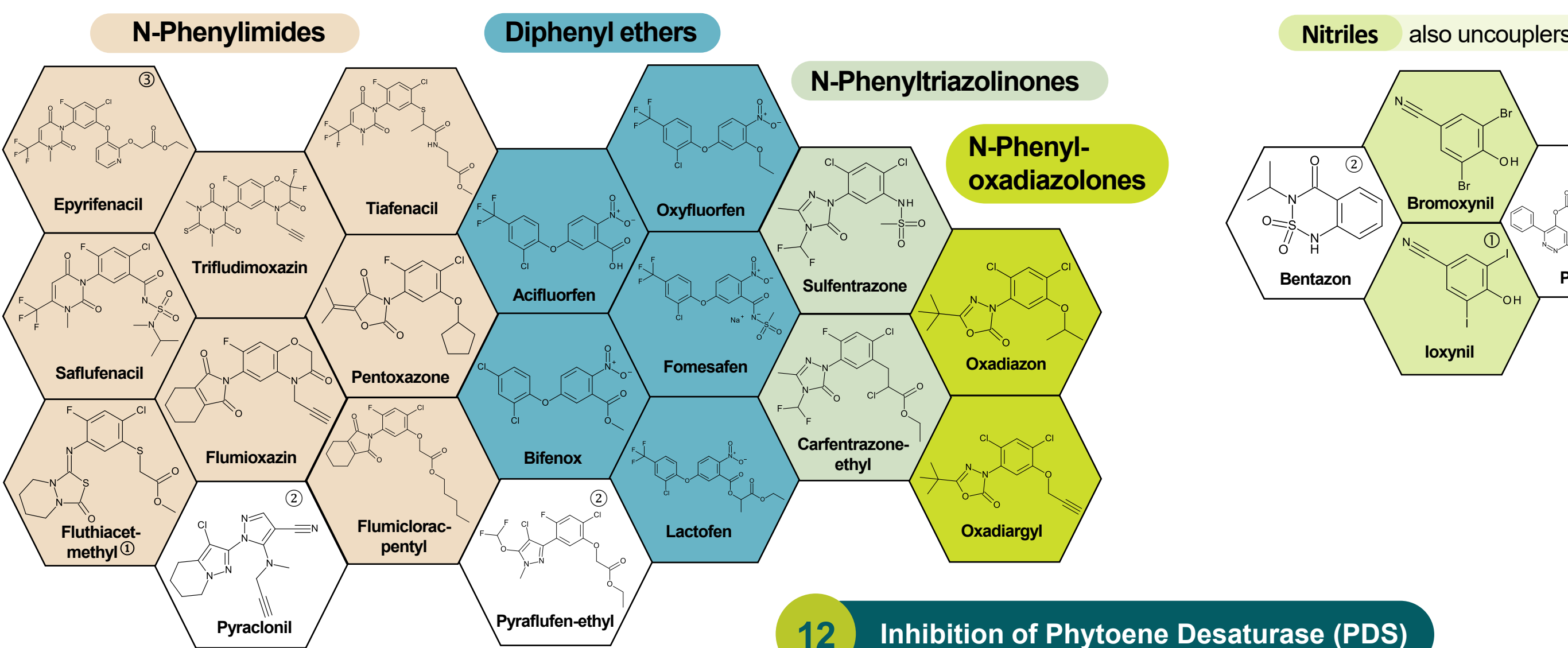
Light Activation of ROS^a

5 Inhibition of Photosynthesis at PS II

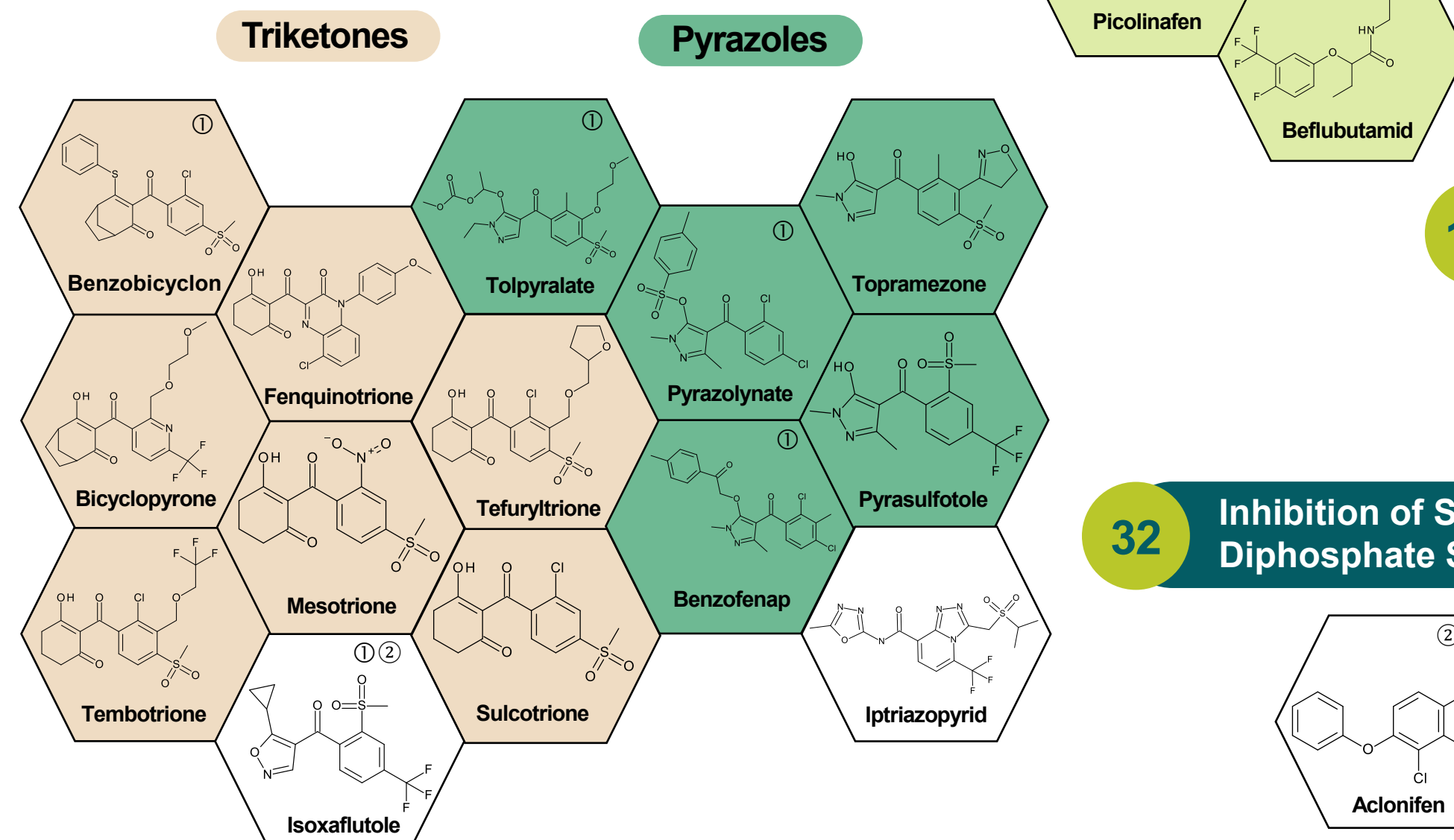
D1 Serine 264 binders (and other non-histidine 215 binders)



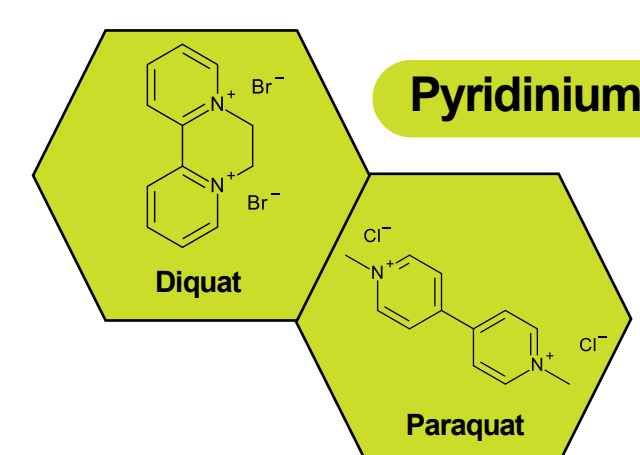
14 Inhibition of Protoporphyrinogen Oxidase (PPO)



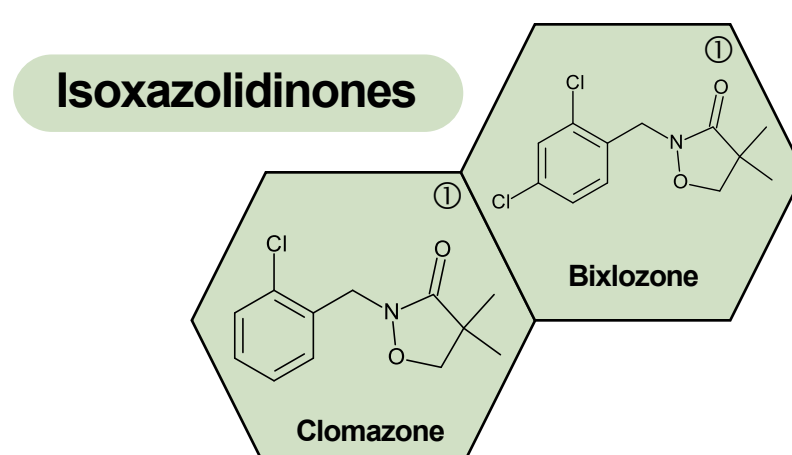
27 Inhibition of Hydroxyphenyl Pyruvate Dioxygenase (HPPD)



22 PS I Electron Diversion

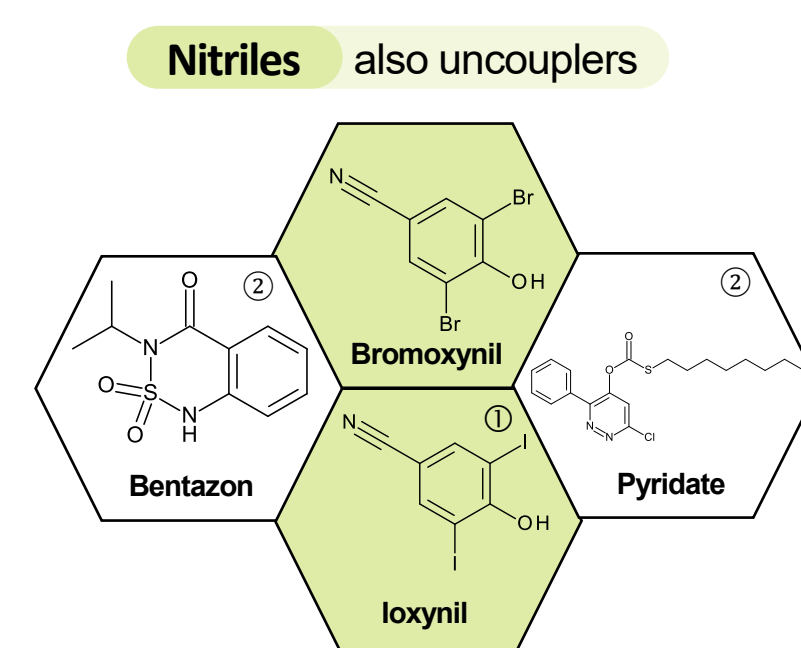


13 Inhibition of Deoxy-D-Xylulose Phosphate Synthase (DXPS)

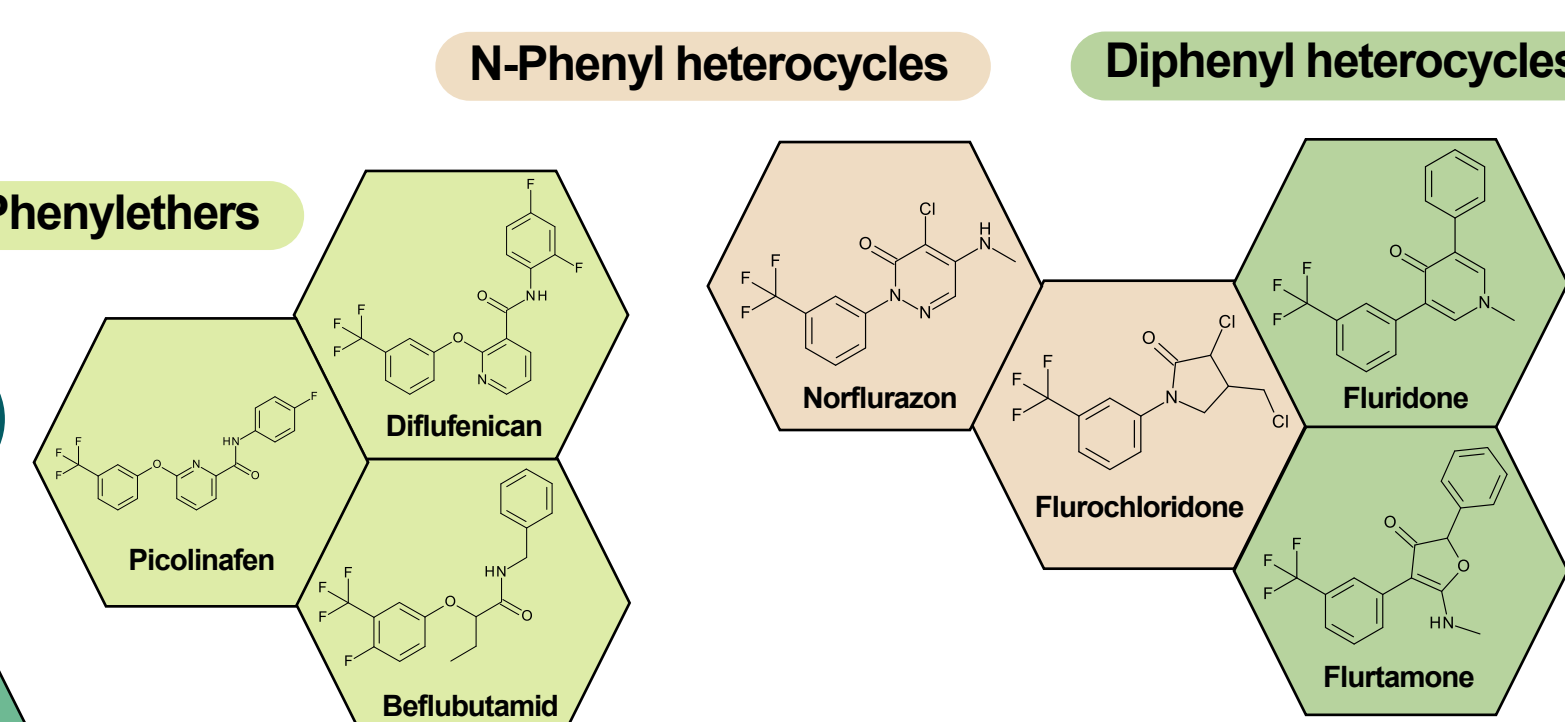


6 Inhibition of Photosynthesis at PS II

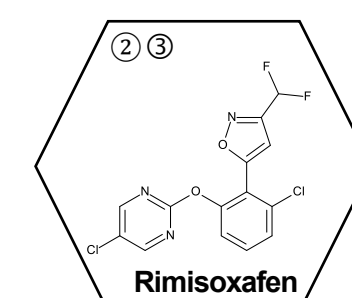
D1 Histidine 215 binders



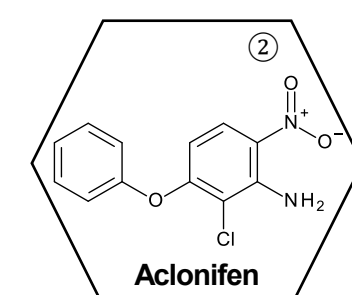
12 Inhibition of Phytoene Desaturase (PDS)



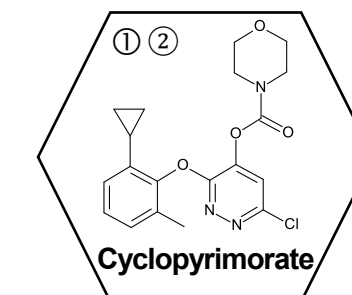
12 / 32 Dual Inhibition of PDS and SDPS



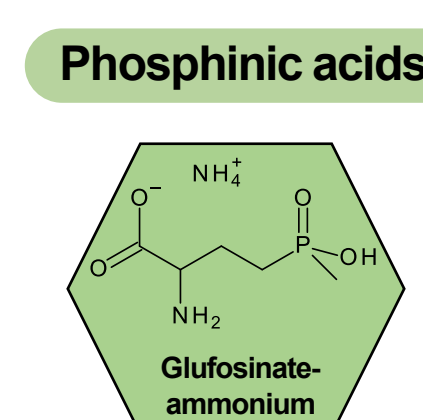
32 Inhibition of Solanesyl Diphosphate Synthase (SDPS)



33 Inhibition of Homogentisate Solanesyltransferase (HST)

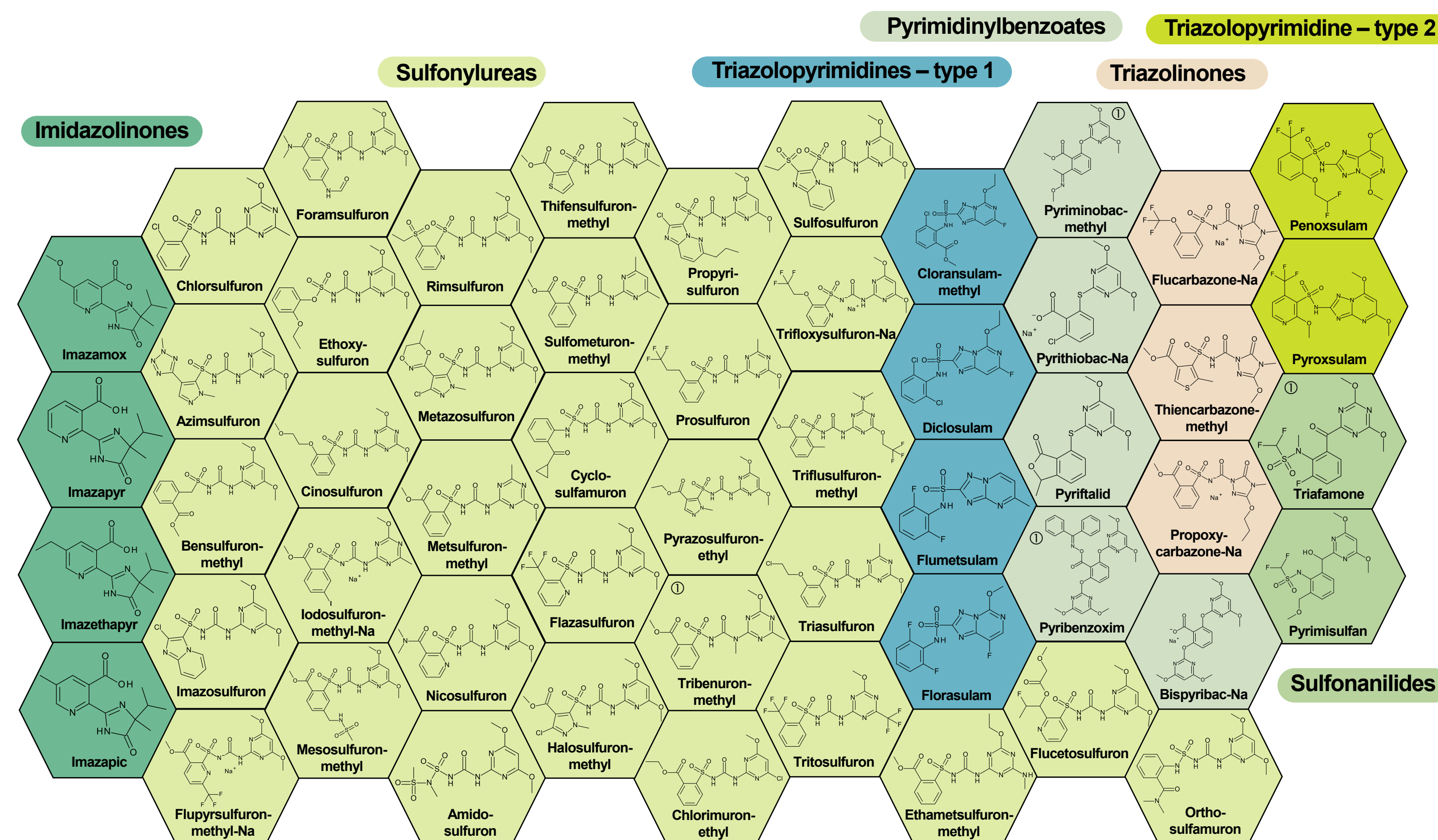


10 Inhibition of Glutamine Synthetase (GS)

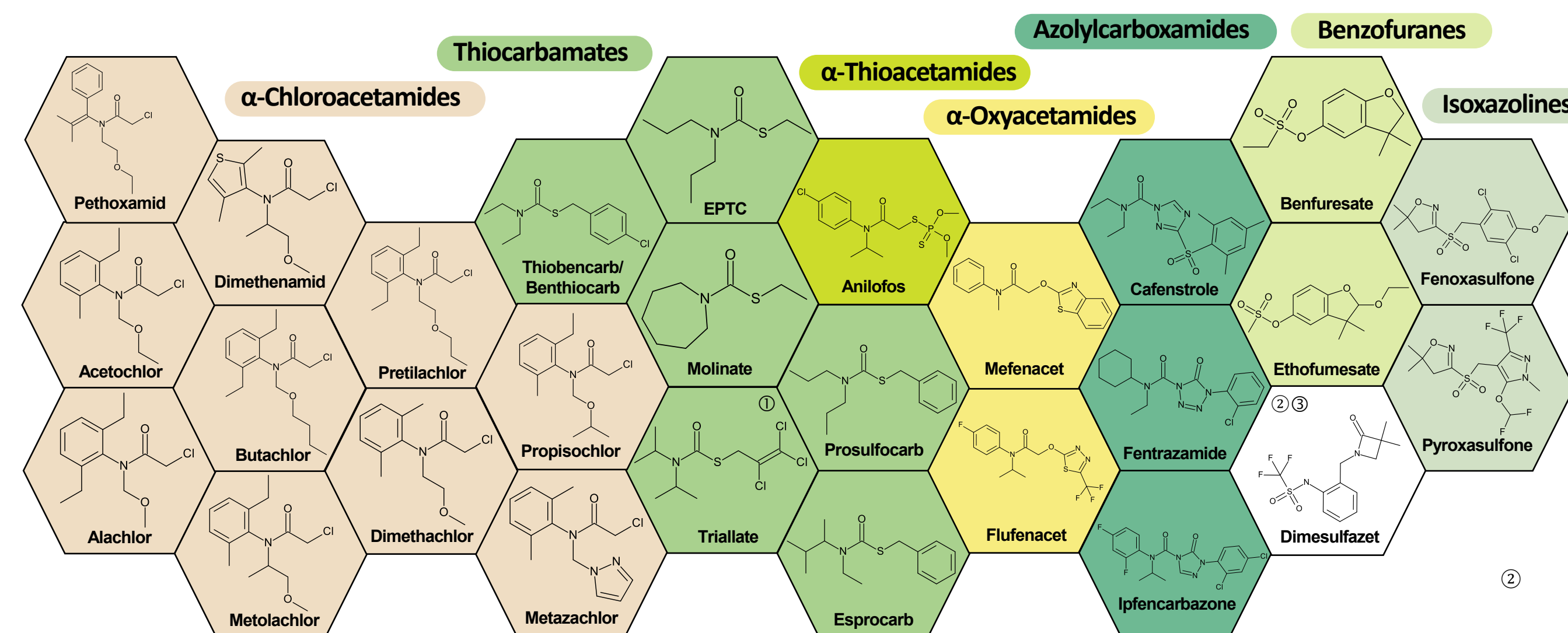


Cellular Metabolism

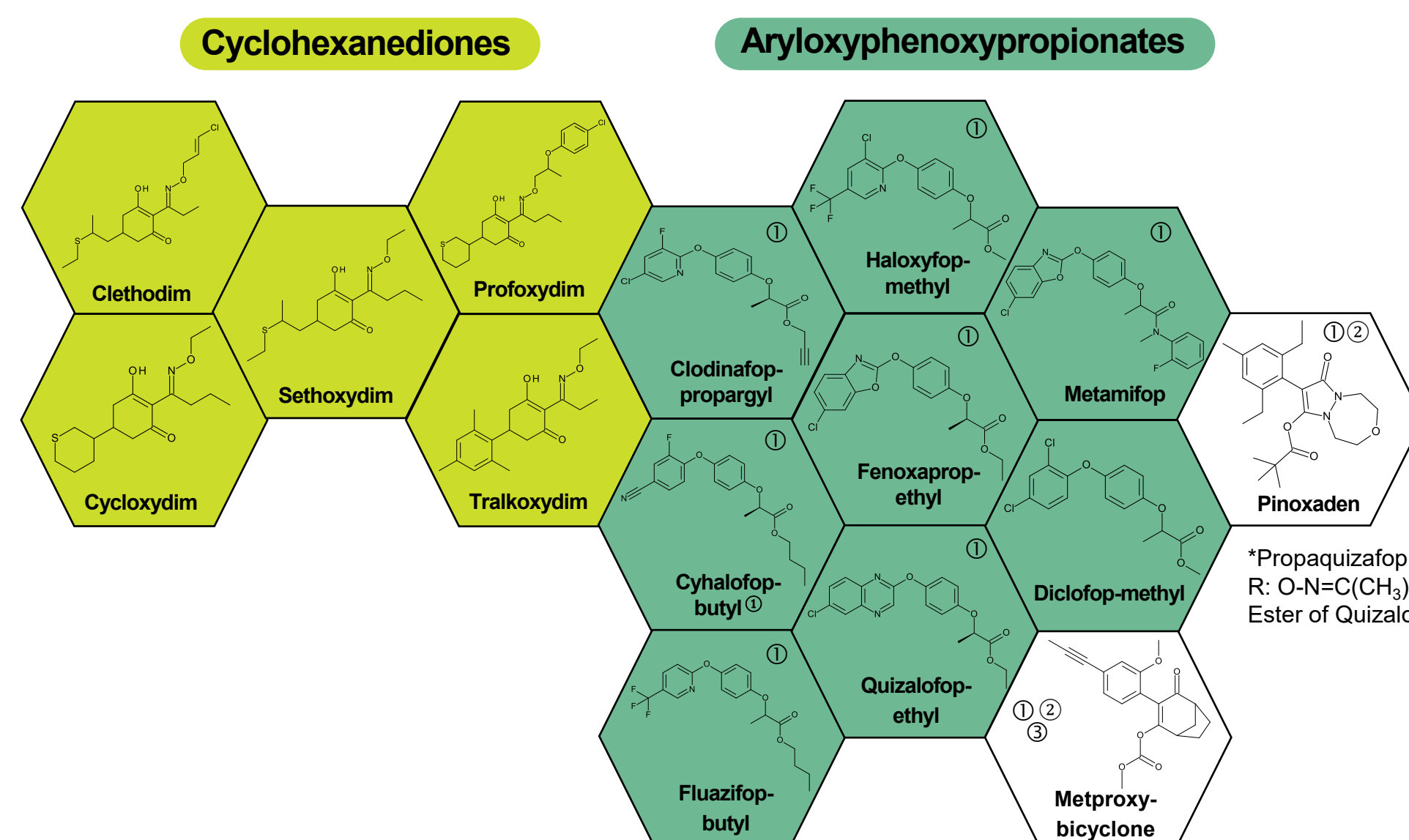
2 Inhibition of Acetolactate Synthase (ALS)



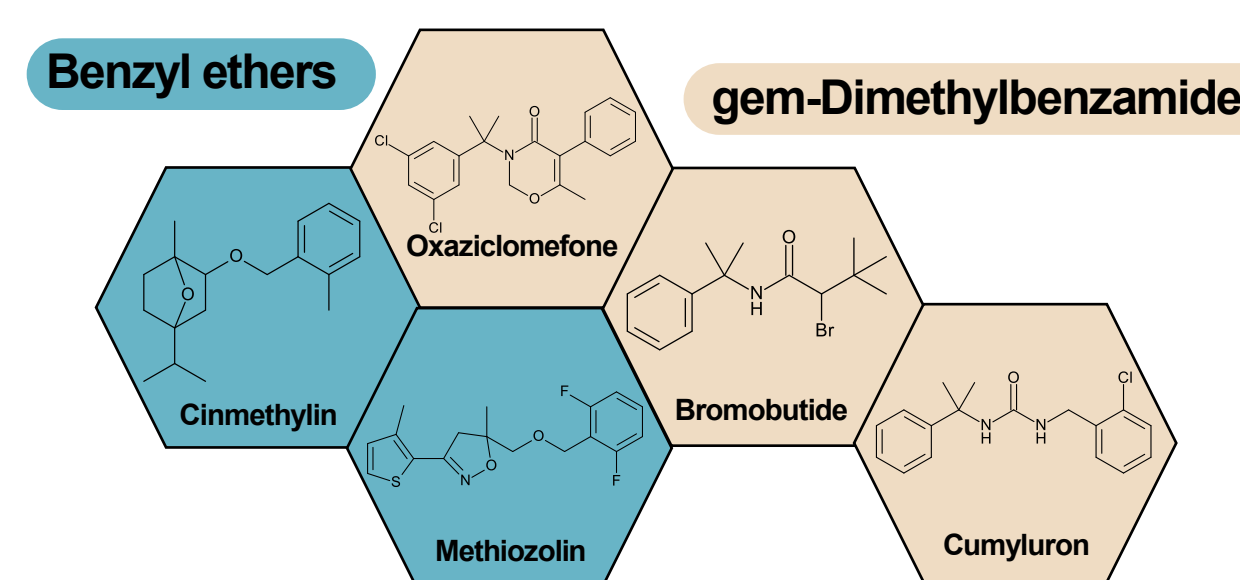
15 Inhibition of Very Long-Chain Fatty Acid Synthesis (VLCFA)



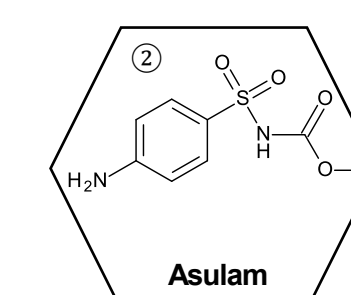
1 Inhibition of Acetyl CoA Carboxylase (ACCase)



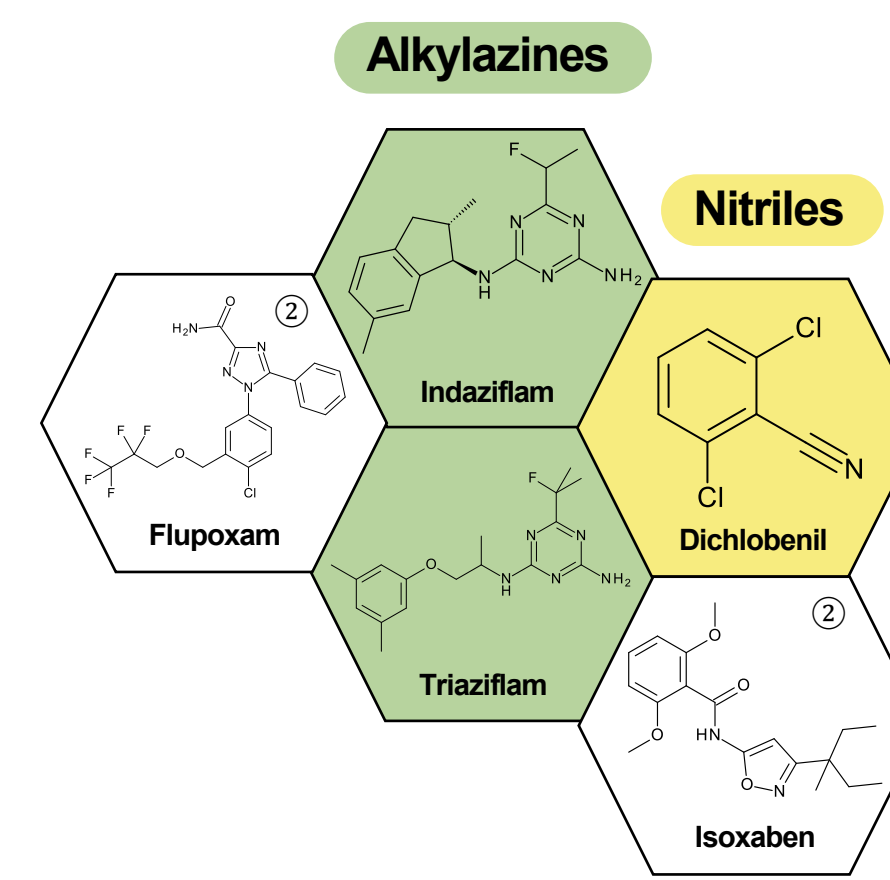
30 Inhibition of Fatty Acid Thioesterase (FAT)



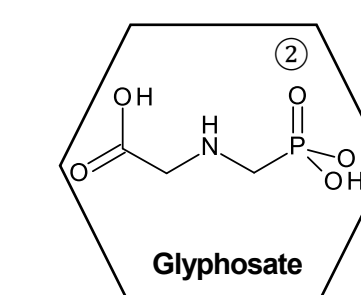
18 Inhibition of Dihydropterote Synthase (DHPS)



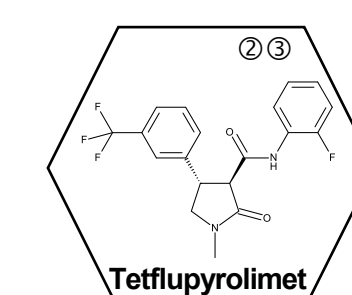
29 Inhibition of Cellulose Synthesis



9 Inhibition of Enolpyruvyl Shikimate Phosphate Synthase (EPSPS)



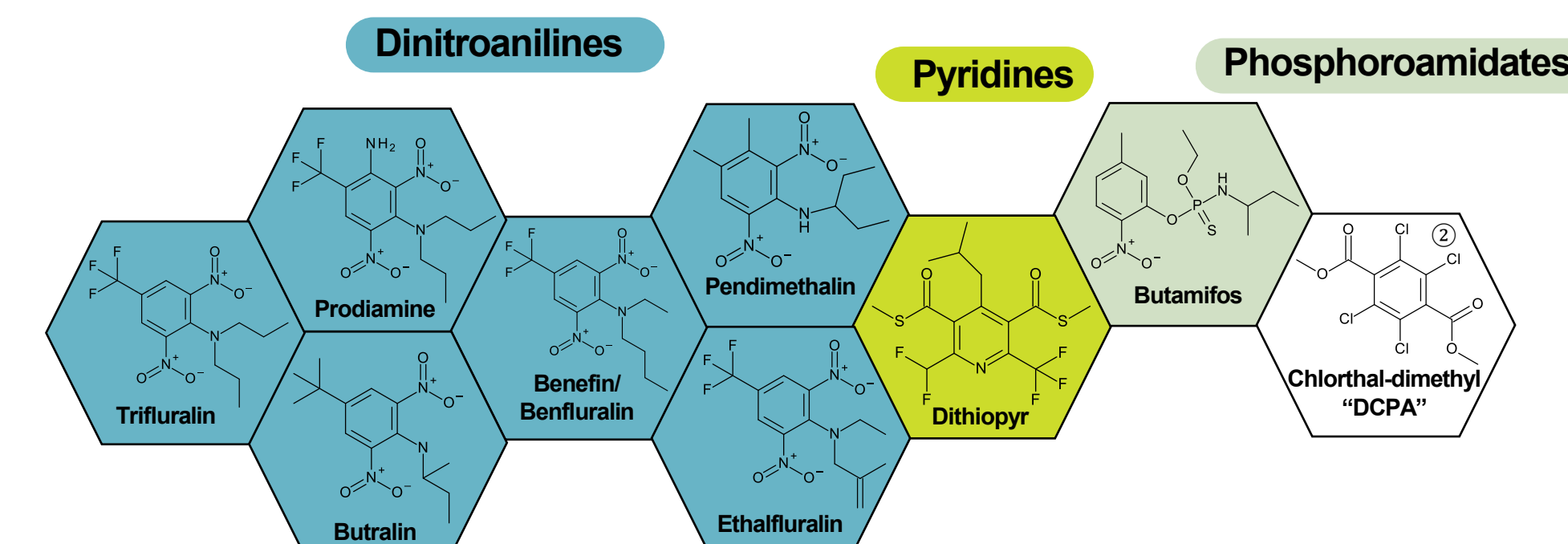
28 Inhibition of Dihydroorotate Dehydrogenase (DHODH)



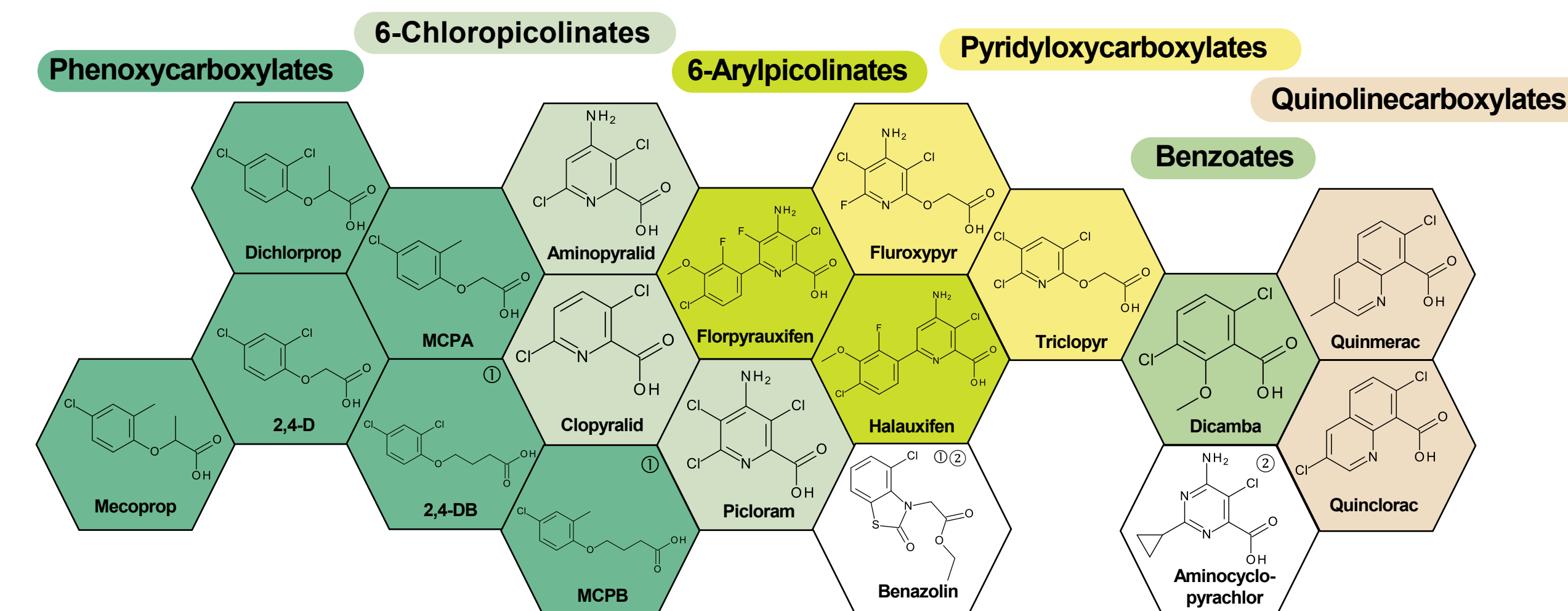
Cell Division and Growth

3 Inhibition of Microtubule Assembly

α-Tubulin

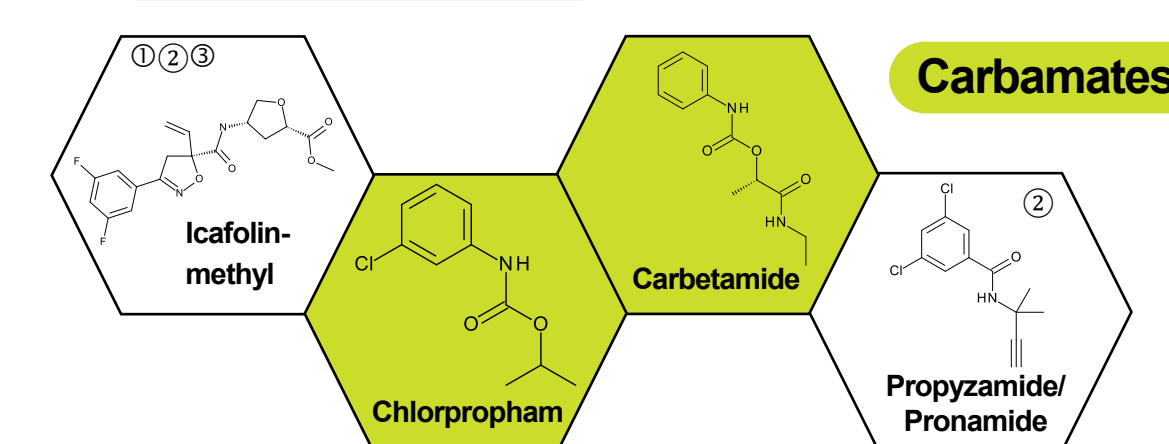


4 Auxin Mimics

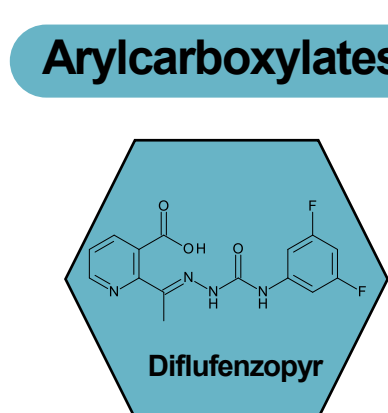


23 Microtubule Interference

Unclear Site of Action

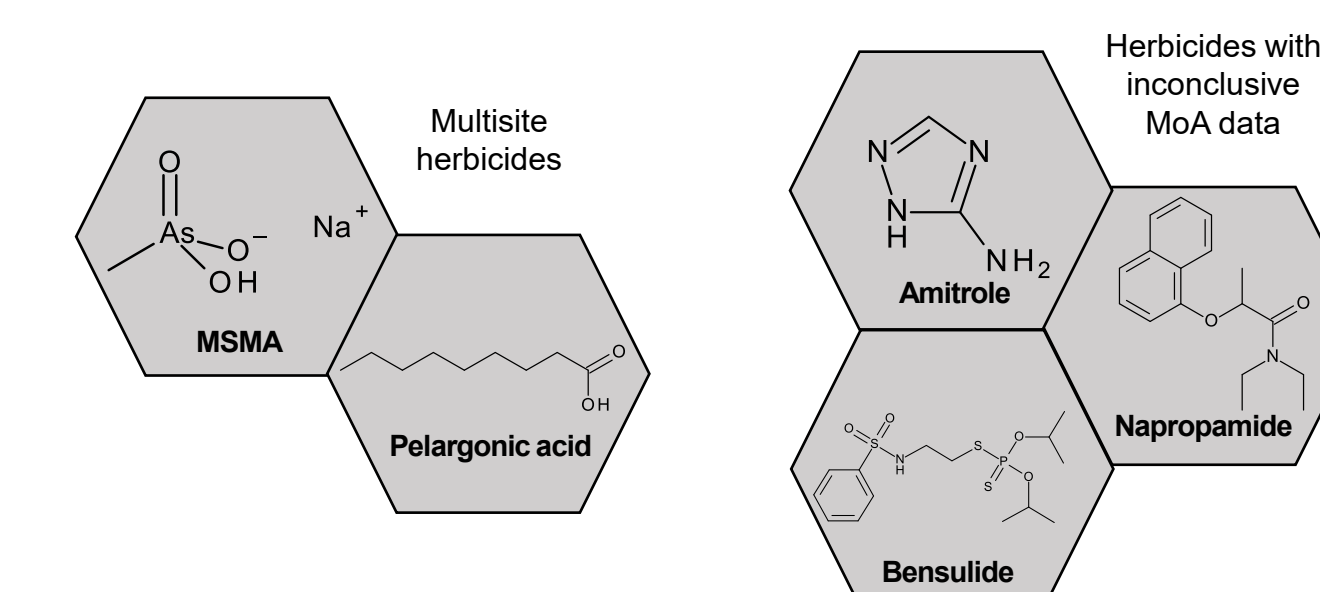


19 Auxin Transport Inhibitors



HRAC	Legacy HRAC	Mode of Action	HRAC	Legacy HRAC	Mode of Action
1	A	Inhibition of Acetyl CoA Carboxylase (ACCase)	18	I	Inhibition of Dihydropterote Synthase (DHPS)
2	B	Inhibition of Acetolactate Synthase (ALS)	19	P	Auxin Transport Inhibitors
3	K1	Inhibition of Microtubule Assembly / α-Tubulin	22	D	PS I Electron Diversion
4	O	Auxin Mimics	23	K2	Microtubule Interference – Unclear Site of Action
5	C1,2	Inhibition of Photosynthesis at PS II - D1 Serine 264 binders (and other non-histidine 215 binders)	27	F2	Inhibition of Hydroxyphenyl Pyruvate Dioxygenase (HPPD)
6	C3	Inhibition of Photosynthesis at PS II – D1 Histidine 215 binders	28	none	Inhibition of Dihydroorotate Dehydrogenase (DHODH)
9	G	Inhibition of Enolpyruvyl Shikimate Phosphate Synthase (EPSPS)	29	L	Inhibition of Cellulose Synthesis
10	H	Inhibition of Glutamine Synthetase (GS)	30	Q	Inhibition of Fatty Acid Thioesterase (FAT)
12	F1	Inhibition of Phytoene Desaturase (PDS)	32	S	Inhibition of Solanesyl Diphosphate Synthase (SDPS)
13	F4	Inhibition of Deoxy-D-Xylulose Phosphate Synthase (DXPS)	33	T	Inhibition of Homogentisate Solanesyltransferase (HST)
14	E	Inhibition of Protoporphyrinogen Oxidase (PPO)			
15	K3	Inhibition of Very Long-Chain Fatty Acid Synthesis (VLCFA)	Ø	Z	Unknown Mode of Action

Ø Unknown Mode of Action



^a Reactive oxygen species

① Indicates pro-herbicide, concept under review

② HRAC's recommendation is not to include a chemical family name when there is one active in the family

Actives without chemical family names are indicated with a white background

③ New actives which are still in the process of registration at the time of release of the current poster version

