

Maleic hydrazide

Other names: 3,6-Pyridazinedione, 1,2-dihydro-
Antergon
Antyrost
Maleic acid, cyclic hydrazide
Maleic acid, hydrazide
Malzid
MAH
MG-T
MH
MH 30
Regulox 36
Slo-Gro
1,2-Dihydro-3,6-pyridazinedione
3,6-Dihydroxypyridazine
3,6-Dioxypyridazine
3,6-Pyridazinediol
6-Hydroxy-3(2H)-pyridazinone
1,2-Dihydropyridazine-3,6-dione
De-Cut
De-Sprout
ENT 18,870
KMH
Maintain 3
Malazide
MH-40
N,N-Maleoylhydrazine
Regulox
Retard
Royal MH-30
Sprout-Stop
Sprout/off
Stuntman
Sucker-Stuff
Super sucker-stuff
Super-de-sprout
Vondalhyde
Vondrax
1,2,3,6-Tetrahydro-3,6-dioxypyridazine
Burtolin
Chemform

1,2-Dihydro-3,6-pyridazinedione

Drexel-super P

Fair 30

Fair ps

Hydrazid kyseliny maleinove

Malein 30

Maleinsaeurehydrazid

MH 36 BAYER

RCRA Waste number U148

Regulox W

Regulox 50 W

Royal slo-gro

Super sprout stop

Super sucker-stuff HC

Malepin

Mazide

3(2H)-Pyridazinone, 6-hydroxy-

Maleic cyclic hydrazide

6-Hydroxy-2H-pyridazin-3-one

Fair-2

Fair-plus

Fazor

Yadi

Sorbatran

pyridazine-3,6-diol

Inchi: InChI=1S/C4H4N2O2/c7-3-1-2-4(8)6-5-3/h1-2H,(H,5,7)(H,6,8)

InchiKey: BGRDGMRNKXEXQD-UHFFFAOYSA-N

Formula: C4H4N2O2

SMILES: O=c1ccc(=O)[nH][nH]1

Mol. weight [g/mol]: 112.09

CAS: 123-33-1

Physical Properties

Property code	Value	Unit	Source
log10ws	1.25		Crippen Method
logp	-1.901		Crippen Method
mcpvol	75.160	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C123331&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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