

Hydroxyzine

Other names: Ethanol, 2-[2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]-
Ethanol, 2-[2-[4-(p-chloro-«alpha»-phenylbenzyl)-1-piperazinyl]ethoxy]-
Fenarol
Hydroxizine
Hydroxyzin
Tran-Q
U.C.B 4492
neo-Calma
Atara
Atarax base
Ataraxoid
Atarazoid
Atarox
Atazina
Aterax
Deinait
Equipoise
Hychotine
Hydroxine
Hydroxycine
Idrossizina
N-(4-Chlorobenzhydryl)-N'-(hydroxyethoxyethyl)piperazine
Neurozina
Nevrolaks
NP 212
Pamazone
Parenteral
Paxistil
Placidol
Plaxidol
Traquizine
UCB 492
Vesparaz-Wirkstoff
1-(p-Chloro-«alpha»-phenylbenzyl)-4-(2-((2-hydroxyethoxy)ethyl)piperazine
1-(p-Chlorobenzhydryl)-4-(2-(2-hydroxyethoxy)ethyl)diethylenediamine
1-(p-Chlorobenzhydryl)-4-(2-(2-hydroxyethoxy)ethyl)piperazine
1-(p-Chlorodiphenylmethyl)-4-(2-(2-hydroxyethoxy)ethyl)piperazine
2-(2-(4-(p-Chloro-«alpha»-phenylbenzyl)-1-piperazinyl)ethoxy)ethanol
Hydroksyzyny
Hydroxyzyne

Tranquizine
UCB-4492
Hydroxyzine base
NSC 170960

Inchi: InChI=1S/C21H27ClN2O2/c22-20-8-6-19(7-9-20)21(18-4-2-1-3-5-18)24-12-10-23(11-13-
InchiKey: ZQDWXGKKHFNSQK-UHFFFAOYSA-N
Formula: C21H27ClN2O2
SMILES: OCCOCCN1CCN(C(c2ccccc2)c2ccc(Cl)cc2)CC1
Mol. weight [g/mol]: 374.90
CAS: 68-88-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.45		Crippen Method
logp	3.056		Crippen Method
mcvol	292.310	ml/mol	McGowan Method
rinpol	2867.00		NIST Webbook
rinpol	2871.00		NIST Webbook
rinpol	2820.00		NIST Webbook
rinpol	2874.00		NIST Webbook
rinpol	2874.00		NIST Webbook
rinpol	2832.00		NIST Webbook
rinpol	2884.00		NIST Webbook
rinpol	2838.00		NIST Webbook
rinpol	2849.00		NIST Webbook
rinpol	2832.00		NIST Webbook
rinpol	2849.00		NIST Webbook
rinpol	2876.00		NIST Webbook
rinpol	2849.00		NIST Webbook
rinpol	2876.00		NIST Webbook
rinpol	2849.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices

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