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/ci990307l
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

Latest version available from:

https://www.chemeo.com/cid/18-483-6/Hydroxyzine.pdf

Generated by Cheméo on 2024-10-12 09:05:24.845391431 +0000 UTC m=+3304787.482360680.

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.