

Flurazepam

Other names:

2H-1,4-Benzodiazepin-2-one,
7-chloro-1-[2-(diethylamino)ethyl]-5-(2-fluorophenyl)-1,3-dihydro-
2H-1,4-Benzodiazepin-2-one,
7-chloro-1-[2-(diethylamino)ethyl]-5-(o-fluorophenyl)-1,3-dihydro-
Ro 56901/3

2H-1,4-Benzodiazepin-2-one,
1,3-dihydro-7-chloro-1-(2-(diethylamino)ethyl)-5-(o-fluorophenyl)-
7-Chloro-1-(2-(diethylamino)ethyl)-5-(2-fluorophenyl)-1H-1,4-benzodiazepin-2(3H)-one

Felmane

Noctosom

Stauroderm

Inchi: InChI=1S/C21H23ClFN3O/c1-3-25(4-2)11-12-26-19-10-9-15(22)13-17(19)21(24-14-20(2**InchiKey:** SAADBVGJQAEFS-UHFFFAOYSA-N**Formula:** C21H23ClFN3O**SMILES:** CCN(CC)CCN1C(=O)CN=C(c2ccccc2F)c2cc(Cl)ccc21**Mol. weight [g/mol]:** 387.88**CAS:** 17617-23-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.51		Crippen Method
logp	4.005		Crippen Method
mcvol	289.590	ml/mol	McGowan Method
rinpol	2814.00		NIST Webbook
rinpol	2799.00		NIST Webbook
rinpol	2771.00		NIST Webbook
rinpol	2759.00		NIST Webbook
rinpol	2788.00		NIST Webbook
rinpol	2800.00		NIST Webbook
rinpol	2800.00		NIST Webbook
rinpol	2800.00		NIST Webbook
rinpol	2865.40		NIST Webbook
rinpol	2785.00		NIST Webbook
rinpol	2758.00		NIST Webbook
rinpol	2763.00		NIST Webbook
rinpol	2763.00		NIST Webbook
rinpol	2741.00		NIST Webbook
rinpol	2780.00		NIST Webbook
rinpol	2769.00		NIST Webbook

rinpol	2809.00	NIST Webbook
rinpol	2785.00	NIST Webbook
rinpol	2795.00	NIST Webbook
rinpol	2744.00	NIST Webbook
rinpol	2795.00	NIST Webbook
rinpol	2790.00	NIST Webbook
rinpol	2805.00	NIST Webbook
rinpol	2815.00	NIST Webbook
rinpol	2808.00	NIST Webbook
rinpol	2808.00	NIST Webbook
rinpol	2758.00	NIST Webbook
rinpol	2764.00	NIST Webbook
rinpol	2768.00	NIST Webbook
rinpol	2773.00	NIST Webbook
rinpol	2784.00	NIST Webbook
rinpol	2741.00	NIST Webbook
rinpol	2788.00	NIST Webbook
rinpol	2795.00	NIST Webbook
rinpol	2820.00	NIST Webbook
rinpol	2785.00	NIST Webbook
rinpol	2809.00	NIST Webbook
rinpol	2771.00	NIST Webbook
rinpol	2794.00	NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C17617231&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/29-468-1/Flurazepam.pdf>

Generated by Cheméo on 2024-04-19 17:28:32.519524582 +0000 UTC m=+15836961.440101898.

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