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DATASHEET

Chlormezanone

Product overview

Name	Chlormezanone
Cat No	HB0907
Biological action	Other
Purity	>99%
Description	Central muscle relaxant

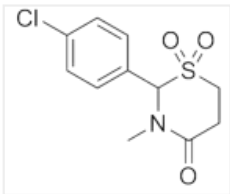
Biological Data

Biological description	Central muscle relaxant. Binds to GABA _A receptor benzodiazepine site. Thought to act as a positive allosteric modulator. Shows anxiolytic actions.
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Solubility & Handling

Storage instructions	Room temperature
Solubility overview	Soluble in DMSO (100mM) or ethanol (25mM)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	2-(4-Chlorophenyl)tetrahydro-3-methyl-4H-1,3-thiazin-4-one-1,1-dioxide
Molecular Weight	273.73
Chemical structure	
Molecular Formula	C ₁₁ H ₁₂ ClNO ₃ S
CAS Number	80-77-3
PubChem identifier	2717
SMILES	CN1C(C2=CC=C(Cl)C=C2)S(=O)(=O)CCC1=O
InChiKey	WEQAYVWKMWHEJO-UHFFFAOYSA-N

References

Comparative study in mice of tetrazepam and other centrally active skeletal muscle relaxants.

Simiand J *et al* (1989) Arch Int Pharmacodyn Ther 297

PubMedID [2567153](#)

Use of conditioned taste aversion as a conflict model: effects of anxiolytic drugs.

Ervin GN *et al* (1988) J Pharmacol Exp Ther 245(1)

PubMedID

2896235

Interaction of chlormezanone with rat liver microsomes and its degradation.

Klinger W *et al* (1997) Eur J Drug Metab Pharmacokinet 22(2)

PubMedID

9248786
