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DATASHEET

Dihydroergotamine mesylate

Product overview

Name	Dihydroergotamine mesylate
Cat No	HB1612
Biological action	Antagonist
Purity	>98%
Description	Partial α -adrenergic agonist, partial D ₂ agonist and 5-HT antagonist

Biological Data

Biological description	Partial α -adrenergic agonist. Also partial D ₂ receptor agonist and competitive 5-HT antagonist.
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Solubility & Handling

Storage instructions	Room temperature
Solubility overview	Soluble in DMSO (100mM)
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	9,10-Dihydro-12'-hydroxy-2'-methyl-5'- (phenylmethyl)ergotaman-3',6',18-trione mesylate
Molecular Weight	679.79
Chemical structure	
Molecular Formula	C ₃₃ H ₃₇ N ₅ O ₅ .CH ₃ SO ₃ H
CAS Number	6190-39-2
PubChem identifier	71171
SMILES	<chem>CS(=O)(O)=O.[H][C@]4([C@@]([H])3C[C@@H]([C@@](N[C@@]5(C)C(N([C@@]([H])(CC8=CC=C(C=C8)C(N7[C@]([H])6CCC7)=O)[C@@]6(O)O5)=O)=O)CN4C)CC1=CNC2=C1C3=CC=C2</chem>
InChiKey	ADYPXRFPBQGGAH-UMYZUSPBSA-N