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## DATASHEET

### Dihydroergocristine mesylate

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#### Product overview

<b>Name</b>	Dihydroergocristine mesylate
<b>Cat No</b>	HB1611
<b>Biological action</b>	Antagonist
<b>Purity</b>	>98%
<b>Description</b>	5-HT antagonist. Also partial agonist at adrenergic and dopaminergic receptors.

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#### Solubility & Handling

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

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#### Chemical Data

<b>Chemical name</b>	(5 $\alpha$ ,10 $\alpha$ )-9,10-Dihydro-12'-hydroxy-2'-(1-methylethyl)-5'-(phenylmethyl)-ergotaman-3',6',18-trione mesylate
<b>Molecular Weight</b>	707.84
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>35</sub> H <sub>41</sub> N <sub>5</sub> O <sub>5</sub> ·CH <sub>3</sub> SO <sub>3</sub> H
<b>CAS Number</b>	24730-10-7
<b>PubChem identifier</b>	444034
<b>SMILES</b>	<chem>CS(=O)(O)=O.[H][C@]4([C@@]([H])3C[C@@H]([C@@](N[C@@]5([C@H](C)C)C(N([C@@]([H])(C)C8=CC=CC=C8)C(N7[C@]([H])6CCC7=O)[C@@]6(O)O5)=O)CN4C)CC1=CNC2=C1C3=CC=C2</chem>
<b>InChiKey</b>	SPXACGZWWIDGR-SPZWACKZSA-N

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