

Hello Bio, Inc.  
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500  
F. 609-228-4994

customercare-usa@hellobio.com



---

## DATASHEET

### Dihydroergotamine mesylate

---

#### Product overview

<b>Name</b>	Dihydroergotamine mesylate
<b>Cat No</b>	HB1612
<b>Biological action</b>	Antagonist
<b>Purity</b>	>98%
<b>Description</b>	Partial $\alpha$ -adrenergic agonist, partial D <sub>2</sub> agonist and 5-HT antagonist

---

#### Biological Data

<b>Biological description</b>	Partial $\alpha$ -adrenergic agonist. Also partial D <sub>2</sub> receptor agonist and competitive 5-HT antagonist.
-------------------------------	---

---

#### Solubility & Handling

<b>Storage instructions</b>	Room temperature
<b>Solubility overview</b>	Soluble in DMSO (100mM)
<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.

---

#### Chemical Data

<b>Chemical name</b>	9,10-Dihydro-12'-hydroxy-2'-methyl-5'- (phenylmethyl)ergotaman-3',6',18-trione mesylate
<b>Molecular Weight</b>	679.79
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>33</sub> H <sub>37</sub> N <sub>5</sub> O <sub>5</sub> .CH <sub>3</sub> SO <sub>3</sub> H
<b>CAS Number</b>	6190-39-2
<b>PubChem identifier</b>	71171
<b>SMILES</b>	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
<b>InChiKey</b>	ADYPXRFPBQGGAH-UMYZUSPBSA-N

---