

### Galanthamine, cholinesterase inhibitor ab269700

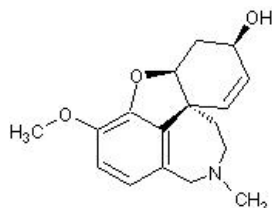
画像数 1

#### 製品の概要

製品名	Galanthamine, cholinesterase inhibitor
製品の詳細	Potent selective acetylcholinesterase inhibitor.
生理活性の詳細	Potent selective acetylcholinesterase inhibitor (IC <sub>50</sub> = 410 nM). Greater than 50-fold selective versus butyrylcholinesterase. Inhibits RBC cholinesterase activity 10-fold more potently than that of human brain tissue. Reduces apoptotic effect of thapsigargin in SH-SY5Y cells. Non-competitive nicotinic receptor antagonist in rat PC12 cells. Neuroprotective following ischemia-reperfusion injury in animal models.

CAS 番号 357-70-0

#### 構造式



#### 製品の特性

体系名	(4aS,6R,8aS)-4a,5,9,10,11,12-Hexahydro-3-methoxy-11-methyl-6H-benzofuro[3a,3,2-ef][2]benzazepin-6-ol
分子量	287.35
分子式	C <sub>17</sub> H <sub>21</sub> NO <sub>3</sub>
PubChem 登録番号	9651
保存方法	Shipped at room temperature. Store at -20°C.
溶解性	Soluble in DMSO to 50 mM and in ethanol to 100 mM with gentle warming
使用に関する注意	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.  Toxic, refer to SDS for further information.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked</a>

[questions \(FAQ\) page](#) for more details.

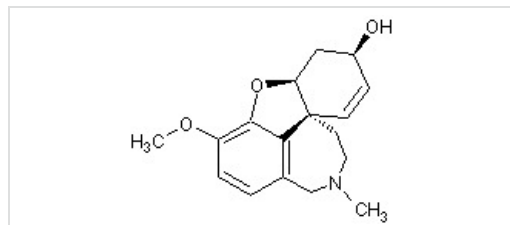
**SMILES 線形表記**

CN1CC[C@@]23C=C[C@@H](C[C@@H]2OC4=C(C=CC(=C34)C1)OC)O

**由来**

Synthetic

**画像**



Chemical structure of Galanthamine, cholinesterase inhibitor, 357-70-0

Chemical Structure - Galanthamine, cholinesterase inhibitor (ab269700)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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