

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

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

customercare-usa@m2stage.hellobio.com



DATASHEET

Cytisine

Product overview

Name	Cytisine
Cat No	HB2033
Purity	>99%
Description	Potent, selective neuronal nicotinic agonist

Biological Data

Biological description	Potent and selective nAChR agonist. Potent agonist at $\alpha 3\beta 4$ and $\alpha 7$ and partial agonist at $\alpha 4\beta 2$ nAChRs. Shows analgesic, antihypertensive and antidepressant activities. Also Iron-chelator and hydroxyl radical scavenger.
-------------------------------	---

Solubility & Handling

Storage instructions	room temperature (desiccate)
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	(1 <i>R</i> ,5 <i>S</i>)-1,2,3,4,5,6-hexahydro-1,5-m ethano-8 <i>H</i> -pyrido[1,2- <i>a</i>][1,5]diazocin-8-one
Molecular Weight	190.24
Chemical structure	
Molecular Formula	C ₁₁ H ₁₄ N ₂ O
CAS Number	485-35-8
PubChem identifier	10235
SMILES	O=C2N1C[C@@]([H])(C3)CNC[C@@]([H])3C1=CC=C2
InChiKey	ANJTVLIZGCUXLD-DTWKUNHWSA-N
Appearance	Yellow solid