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DATASHEET

Cytisine

Product overview

Name Cvtisine Cat No HB2033 **Purity** >99%

Description Potent, selective neuronal nicotinic agonist

Biological Data

Biological description Potent and selective nAChR agonist. Potent agonist at α3β4 and α7 and partial agonist at α4β2

nAChRs. Shows analgesic, antihypertensive and antidepressant activities. Also Iron-chelator and

hydroxyl radical scavanger.

Solubility & Handling

Storage instructions room temperature (desiccate)

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

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*R*,5*S*)-1,2,3,4,5,6-hexahydro-1,5-m ethano-8*H*-pyrido[1,2-*a*][1,5]diazocin-8-one 190.24

Molecular Weight **Chemical structure**

Molecular Formula

 $C_{11}H_{14}N_2O$ 485-35-8 **CAS Number PubChem identifier SMILES**

O=C2N1C[C@@]([H])(C3)CNC[C@@]([H])3C1=CC=C2

ANJTVLIZGCUXLD-DTWKUNHWSA-N **InChiKev**

Appearance Yellow solid