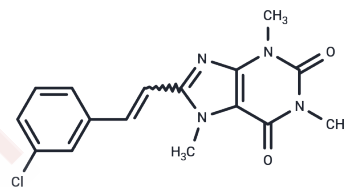


8-CSC

Chemical Properties

CAS No. : 148589-13-3
 Formula: C₁₆H₁₅ClN₄O₂
 Molecular Weight: 330.77
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	8-CSC is a dual agent endowed with good hMAO-B inhibitory activity (K _i : 235 nM in baboon liver mitochondria) and A _{2A} affinity (K _i : 36 nM in rat brain striatal membranes receptor).
Targets(IC ₅₀)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0232 mL	15.1162 mL	30.2325 mL
5 mM	0.6046 mL	3.0232 mL	6.0465 mL
10 mM	0.3023 mL	1.5116 mL	3.0232 mL
50 mM	0.0605 mL	0.3023 mL	0.6046 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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Arsyad A, Dobson GP. Adenosine relaxation in isolated rat aortic rings and possible roles of smooth muscle Kv channels, KATP channels and A2a receptors. *BMC Pharmacol Toxicol.* 2016 May 23;17(1):23. doi: 10.1186/s40360-016-0067-8. PubMed PMID: 27211886; PubMed Central PMCID: PMC4876563.

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