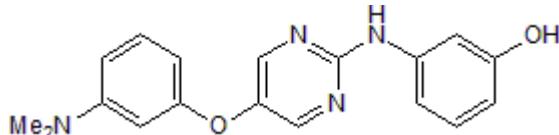


Certificate of Analysiswww.tocris.com**Product Name:** SEN 1269**Catalog No.:** 4699**Batch No.:** 2

CAS Number: 956128-01-1

IUPAC Name: 3-[[5-[3-(Dimethylamino)phenoxy]-2-pyrimidinyl]amino]phenol

1. PHYSICAL AND CHEMICAL PROPERTIES**Batch Molecular Formula:** C₁₈H₁₈N₄O₂**Batch Molecular Weight:** 322.36**Physical Appearance:** White solid**Solubility:** DMSO to 100 mM
ethanol to 50 mM**Storage:** Store at +4°C**Batch Molecular Structure:****2. ANALYTICAL DATA****TLC:** R_f = 0.47 (Dichloromethane:Methanol [9:1])**HPLC:** Shows 98.2% purity**¹H NMR:** Consistent with structure**Mass Spectrum:** Consistent with structure**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	67.07	5.63	17.38
Found	67	5.63	17.24

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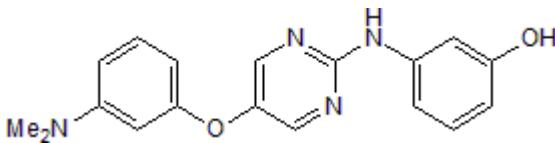
Description:

Amyloid- β (A β) aggregation inhibitor; blocks A β (1-42) aggregation and protects neuronal cell lines exposed to A β (1-42). Reduces A β oligomer-induced LTP and memory deficits in vivo.

Physical and Chemical Properties:Batch Molecular Formula: C₁₈H₁₈N₄O₂

Batch Molecular Weight: 322.36

Physical Appearance: White solid

Minimum Purity: >98%**Batch Molecular Structure:****Storage:** Store at +4°C**Solubility & Usage Info:**DMSO to 100 mM
ethanol to 50 mM**Stability and Solubility Advice:**

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References:

Scopes et al (2012) A β oligomer toxicity inhibitor protects memory in models of synaptic toxicity. *Br.J.Pharmacol.* **167** 383. PMID: 22913627.

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