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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

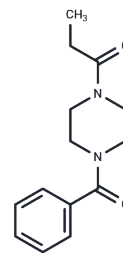
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Sunifiram

Chemical Properties

CAS No. :	314728-85-3
Formula:	C ₁₄ H ₁₈ N ₂ O ₂
Molecular Weight:	246.3
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Sunifiram (DM-235) is a potent nootropic agent, known for enhancing cognitive functions, memory, and learning abilities through modulating neurotransmitter activity, particularly via the AMPA receptor.
Targets(IC50)	iGluR

Solubility Information

Solubility	DMSO: 2.6 mg/mL (10.56 mM), H ₂ O: 50 mg/mL (203.00 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0601 mL	20.3004 mL	40.6009 mL
5 mM	0.812 mL	4.0601 mL	8.1202 mL
10 mM	0.406 mL	2.030 mL	4.0601 mL
50 mM	0.0812 mL	0.406 mL	0.812 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.

Reference

Romanelli M N , Galeotti N , Ghelardini C , et al. Pharmacological Characterization of DM232 (Unifiram) and DM235 (Sunifiram), New Potent Cognition Enhancers[J]. CNS drug reviews, 2006, 12(1):39-52.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481