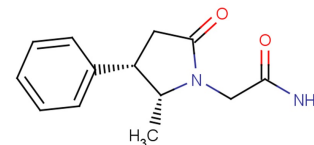


(2R,3S)-E1R

Chemical Properties

CAS No.: 1424832-60-9
Formula: C₁₃H₁₆N₂O₂
Molecular Weight: 232.28
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	(2R,3S)-E1R (Compound 2c) is an enantiomer of E1R. (2R,3R)-E1R is a sigma-1 receptor positive allosteric modulator for the treatment of cognition/memory disorders.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 250 mg/mL (1076.29 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.305 mL	21.526 mL	43.051 mL
5 mM	0.861 mL	4.305 mL	8.61 mL
10 mM	0.431 mL	2.153 mL	4.305 mL
50 mM	0.086 mL	0.431 mL	0.861 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Veinberg G, et al. Synthesis and biological evaluation of 2-(5-methyl-4-phenyl-2-oxopyrrolidin-1-yl)-acetamide stereoisomers as novel positive allosteric modulators of sigma-1 receptor. Bioorg Med Chem. 2013 May 15;21(10):2764-71.

Inhibitors · Natural Compounds · Compound Libraries

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