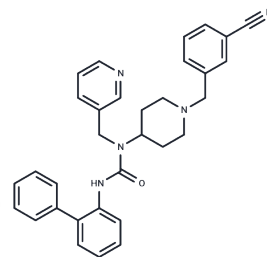


BPU-11

Chemical Properties

CAS No. : 909664-41-1
 Formula: C₃₂H₃₁N₅O
 Molecular Weight: 501.62
 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	Fenchyl alcohol is a monoterpene alcohol extracted from the essential oil of Douglas fir leaves and used as a flavor. It significantly inhibits the activity of rumen microorganisms in sheep and deer.
Targets(IC50)	Others,HCN Channel

Solubility Information

Solubility	DMSO: 9 mg/mL (17.94 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9935 mL	9.9677 mL	19.9354 mL
5 mM	0.3987 mL	1.9935 mL	3.9871 mL
10 mM	0.1994 mL	0.9968 mL	1.9935 mL
50 mM	0.0399 mL	0.1994 mL	0.3987 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.

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