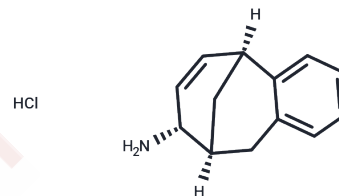


Org-6906

Chemical Properties

CAS No. : 67384-25-2
 Formula: C₁₃H₁₆ClN
 Molecular Weight: 221.73
 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	Tylophorine analog Org-6906 is a potential anticancer and immunosuppressive agent. Org-6906 suppresses the translation of cellular regulatory proteins, including cyclin D1, at the elongation step. Org-6906 allosterically regulates the ATPase and chaperone activities of HSC70 by promoting ATP hydrolysis in the presence of specific RNA binding motifs (AUUUA) of cyclin D1 mRNA.
Targets(IC50)	Others,Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.510 mL	22.5499 mL	45.0999 mL
5 mM	0.902 mL	4.510 mL	9.020 mL
10 mM	0.451 mL	2.255 mL	4.510 mL
50 mM	0.0902 mL	0.451 mL	0.902 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

de Boer T, Broekkamp CL, Gower A, de Graaf JS, de Vos CJ, Rae D, Van Delft AM. The pharmacological profile of Org 6906, a potential non-sedative antidepressant that combines monoamine uptake inhibition with alpha 2-adrenolytic activity. *Neuropharmacology*. 1988 Mar;27(3):251-60. PubMed PMID: 2897643.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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