

Bocconoline

Chemical Properties

CAS No. :	32906-88-0
Formula:	C ₂₂ H ₂₁ N ₅ O ₅
Molecular Weight:	379.41
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	Bocconoline is an alkaloid found in <i>Bocconia cordata</i> WILLD with potential anticancer activity for the study of Parkinson's disease (PD).
Targets(IC50)	Others
In vitro	Bocconoline (30µM;24 h) could affect the intensity of EEA1 labeling in the cytoplasm of hONS cells and the intensity of mitochondrial labeling[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6357 mL	13.1784 mL	26.3567 mL
5 mM	0.5271 mL	2.6357 mL	5.2713 mL
10 mM	0.2636 mL	1.3178 mL	2.6357 mL
50 mM	0.0527 mL	0.2636 mL	0.5271 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

Nguyen DT, et al. Chemical constituents from *Macleaya cordata* (Willd) R. Br. and their phenotypic functions against a Parkinson's disease patient-derived cell line. *Bioorg Med Chem.* 2020 Nov 1;28(21):115732.

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