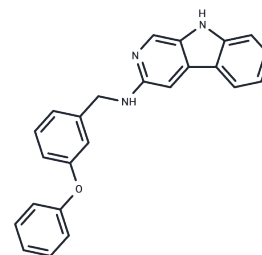


3-(3-Phenoxybenzyl)amino- β -carboline

Chemical Properties

CAS No. :	1327080-54-5
Formula:	C ₂₄ H ₁₉ N ₃ O
Molecular Weight:	365.43
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	3-(3-Phenoxybenzyl)amino- β -carboline is a highly effective tubulin inhibitor, selectively degrading $\alpha\beta$ -tubulin heterodimers, inducing cell cycle arrest and apoptosis in the G2/M phase, and displaying notable anticancer activity [1].
Targets(IC50)	Apoptosis,Others,Microtubule Associated
In vitro	3-(3-Phenoxybenzyl)amino- β -carboline specifically denatures tubulin, leading to its aggregation, ubiquitinylation, and subsequent degradation [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7365 mL	13.6825 mL	27.365 mL
5 mM	0.5473 mL	2.7365 mL	5.473 mL
10 mM	0.2737 mL	1.3683 mL	2.7365 mL
50 mM	0.0547 mL	0.2737 mL	0.5473 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481