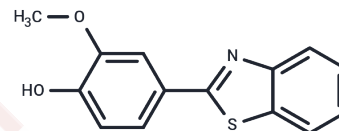


YL-109

Chemical Properties

CAS No. : 36341-25-0
 Formula: C₁₄H₁₁NO₂S
 Molecular Weight: 257.31
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	YL-109, a novel anticancer agent, can inhibit breast Y cell growth and invasiveness in vitro and in vivo.
Targets(IC50)	AhR,Aryl Hydrocarbon Receptor

Solubility Information

Solubility	DMSO: 55 mg/mL (213.75 mM),Sonication is recommended. H ₂ O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8864 mL	19.4318 mL	38.8636 mL
5 mM	0.7773 mL	3.8864 mL	7.7727 mL
10 mM	0.3886 mL	1.9432 mL	3.8864 mL
50 mM	0.0777 mL	0.3886 mL	0.7773 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.

Reference

Hiyoshi H, et al. Sci Rep. 2014 Nov 18;4:7095.

Recombinant α -Toxin BmK-M9 Inhibits Breast Cancer Progression by Regulating β -Catenin In Vivo

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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