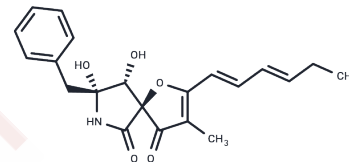


AZASPIRENE

Chemical Properties

CAS No. :	461644-34-8
Formula:	C ₂₁ H ₂₃ N ₁ O ₅
Molecular Weight:	369.41
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	Azaspirene, a novel angiogenesis inhibitor, is based on the 1-oxa-7-azaspiro[4.4]non-2-ene-4,6-dione framework. Previous studies have shown that Azaspirene effectively inhibits VEGF-induced migration of human umbilical vein endothelial cells (HUVEC), demonstrating a potentially effective dosage. Moreover, azaspirene analogs may exhibit potential antitumor effects against uterine adenocarcinoma, possibly through significant anti-angiogenic activity.
Targets(IC50)	Raf, VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.707 mL	13.5351 mL	27.0702 mL
5 mM	0.5414 mL	2.707 mL	5.414 mL
10 mM	0.2707 mL	1.3535 mL	2.707 mL
50 mM	0.0541 mL	0.2707 mL	0.5414 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