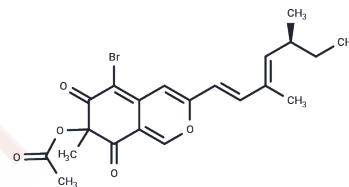


Azaphilone-9

Chemical Properties

CAS No. :	1448460-87-4
Formula:	C ₂₁ H ₂₃ BrO ₅
Molecular Weight:	435.31
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	Azaphilone-9 (AZA-9) functions as an inhibitor of the HuR-ARE RNA interaction, with an inhibition constant (IC ₅₀) of 1.2 μM, by targeting the RNA-binding protein Hu antigen R (HuR). As HuR-RNA interactions play a critical role in stabilizing oncogenic mRNAs within tumors, Azaphilone-9 exhibits potential in inhibiting cancer cell growth and progression.
Targets(IC ₅₀)	Others, HuR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2972 mL	11.4861 mL	22.9721 mL
5 mM	0.4594 mL	2.2972 mL	4.5944 mL
10 mM	0.2297 mL	1.1486 mL	2.2972 mL
50 mM	0.0459 mL	0.2297 mL	0.4594 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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