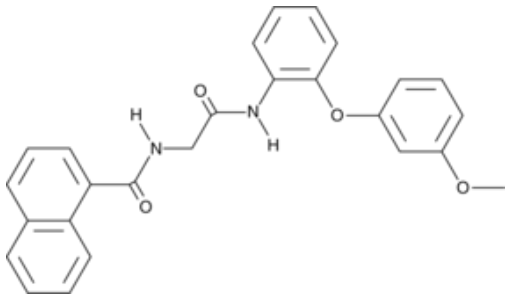
Product Data Sheet

Product Name: AOH1996
Cat. No.: GC91176

Chemical Properties

Cas. No.	2089314-64-5		
Formula	$C_{26}H_{22}N_2O_4$	M.Wt	426.5
Solubility	Chloroform: Soluble,Ethanol: Soluble,Methanol: Soluble	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

AOH1996 is an inhibitor of proliferating cell nuclear antigen (PCNA). [1] It binds to PCNA in a thermal shift assay. AOH1996 (500 nM) induces apoptosis in SK-N-DZ neuroblastoma cells but not 7SMOO32 normal neural crest stem cells. It induces DNA damage in SK-N-AS neuroblastoma cells expressing wild-type DNA-directed RNA polymerase II subunit RPB1 but not in SK-N-AS cells expressing $RPB1^{Y418A}$. AOH1996 (40 mg/kg) decreases tumor volume in SK-N-BE(2)-C neuroblastoma, MDA-MB-468 breast cancer, and NCI H82 small cell lung cancer mouse xenograft models.

Caution: Product has not been fully validated for medical applications. For research use only.
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