

Product Data Sheet

Product Name: AOH1996

Cat. No.: GC91176

Chemical Properties

Cas. No. 2089314-64-5

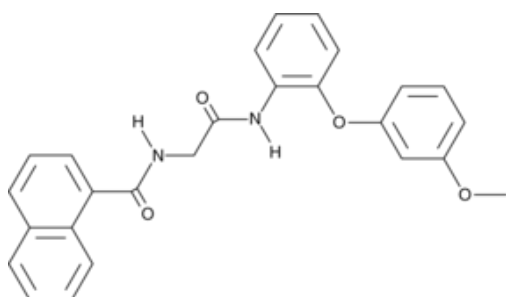
Formula $C_{26}H_{22}N_2O_4$ M.Wt 426.5

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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