

Product Data Sheet

Product Name: Seclidemstat (SP-2577)

Cat. No.: GC32820

Chemical Properties

Cas. No. 1423715-37-0

SMILES O=C(N/N=C(C1=CC(Cl)=CC=C1O)\C)C2=CC=CC(S(=O)(N3CCN(C)CC3)=O)=C2

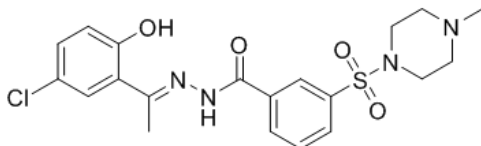
Formula $C_{20}H_{23}ClN_4O_4S$ M.Wt 450.94

Solubility DMSO : 100 mg/mL (221.76 mM); Water : < 0.1 mg/mL (insoluble) 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

Seclidemstat (SP-2577) is a potent LSD1 inhibitor, with a mean IC50 of 127 nM.

Seclidemstat (Compound 2577) reduces tumor volume at 40, 80 mg/kg by i.p. and also shows such effect at 80 mg/kg via p.o. dosing.

[1]. SUBSTITUTED BENZOHYDRAZIDE ANALOGS AS HISTONE DEMETHYLASE INHIBITORS.

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

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