

Product Data Sheet

Product Name: SMD-3040

Cat. No.: GC73660

Chemical Properties

Cas. No. 3033109-92-8

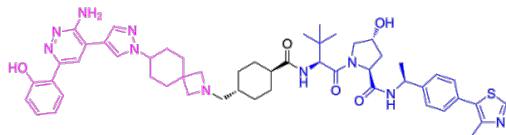
Formula $C_{52}H_{66}N_{10}O_5S$ M.Wt 943.21

Solubility DMSO : ≥ 100 mg/mL (106.02 mM) Storage -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

SMD-3040 is a potent and selective SMARCA2 PROTAC degrader (DC50: 12 nM). SMD-3040 contains SMARCA2/4 ligand, linker and VHL ligand. SMD-3040 demonstrates excellent degradation selectivity for SMARCA2 protein over SMARCA4 protein. SMD-3040 achieves strong tumor growth inhibition in xenograft models.

References:

[1]. Yang L, et.al. Discovery of SMD-3040 as a Potent and Selective SMARCA2 PROTAC Degradation with Strong in vivo Antitumor Activity. J Med Chem. 2023 Jul 31.

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

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