

Product Data Sheet

Product Name: NVS-CECR2-1

Cat. No.: GC44477

Chemical Properties

Cas. No. 1992047-61-6

SMILES O=S(C1=NC(NC2CC2)=CC(C3=CC(C=CN4C5CC(C)(C)NC(C)(C)C5)=C4C=C3)=N1)(CCC)=O

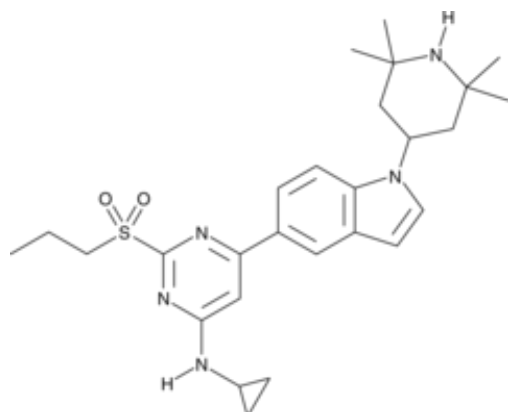
Formula C₂₇H₃₇N₅O₂S M.Wt 495.7

Solubility DMSO: 0.3 mg/mL Storage 4°C, protect from light

General For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT, or Condition blue ice upon request.

Structure



Background

NVS-CECR2-1 is a potent inhibitor of CECR2 (cat eye syndrome chromosome region, candidate 2), a component of chromatin complexes that regulate gene expression controlling development. It binds CECR2 with high affinity (IC₅₀ = 0.047 μM by Alpha screen, K_d = 0.80 μM by ITC). NVS-CECR2-1 demonstrates no crossreactivity in a panel of 48 bromodomains and has no major activity in kinase, protease, and receptor panels. It shows robust activity in cells by FRAP assay, due to its slow off-rate, and has no acute toxicity. See the Structural Genomics Consortium (SGC) website for more information.

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

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