

Product Data Sheet

Product Name: BAY-6035

Cat. No.: GC45389

Chemical Properties

Cas. No. 2247890-13-5

SMILES O=C(NCCCC1CC1)C2=CC3=C(N(C(N4CC(C5)C5C4)=O)[C@@H](C)CC(N3)=O)C=C2

Formula C₂₂H₂₈N₄O₃

M.Wt 396.5

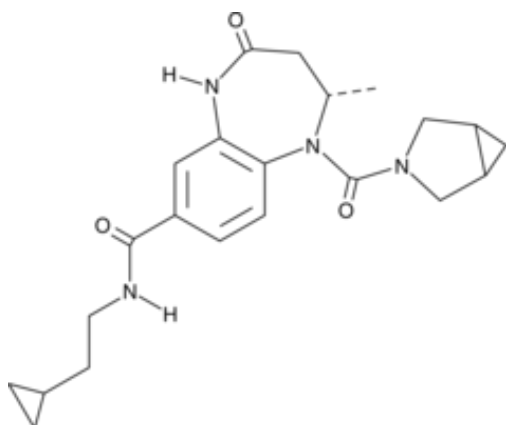
Solubility Soluble in DMSO

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

BAY-6035 is an inhibitor of SET and MYND domain-containing protein 3 (SMYD3). It is 100-fold selective for SMYD3 over other histone methyltransferases. BAY-6035 inhibits methylation of MEKK2 peptide in a cell-free assay and in cells (IC₅₀s = 88 and 70 nM, respectively). See the Structural Genomic Consortium (SGC) website for more information.

References

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

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