
Product Data Sheet

Product Name: p53 and MDM2 proteins-interaction-inhibitor chiral
 Cat. No.: GC36835

Chemical Properties

Cas. No. 939981-37-0

SMILES O=C(N1CCN(CC(N2CCOCC2)=O)CC1)N3[C@](C)(C4=CC=C(Cl)C=C4)[C@](C)(C5=CC=C(Cl)C=C5)N=C3C6=CC=C(C(C)(C)C)C=C6OCC

Formula C₄₀H₄₉Cl₂N₅O₄ M.Wt 734.75

Solubility DMSO: 50 mg/mL (68.05 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

p53 and MDM2 proteins-interaction-inhibitor (chiral) (Compound 32) is an inhibitor of the interaction between p53 and MDM2 proteins.

[1]. Chen R, et al. A Fusion Protein of the p53 Transaction Domain and the p53-Binding Domain of the Oncoprotein MdmX as an Efficient System for High-Throughput Screening of MdmX Inhibitors. *Biochemistry*. 2017 Jun 27;56(25):3273-3282.

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

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