

Product Data Sheet

Product Name: Mutated EGFR-IN-1

Cat. No.: GC36666

Chemical Properties

Cas. No. 1421372-66-8

SMILES NC1=CC(NC2=NC=CC(C3=CN(C)C4=C3C=CC=C4)=N2)=C(OC)C=C1N(CCN(C)C)C

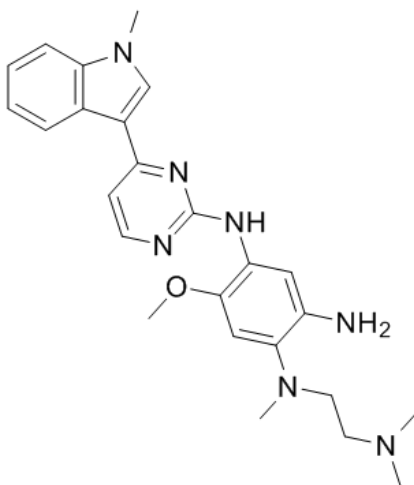
Formula $C_{25}H_{31}N_7O$ M.Wt 445.56

Solubility DMSO: ≥ 75 mg/mL (168.33 mM) 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

Mutated EGFR-IN-1 is a useful intermediate for the inhibitors design for mutated EGFR, such as L858R EGFR, Exon19 deletion activating mutant and T790M resistance mutant. IC₅₀ value: Target: Mutated EGFR inhibitor. More information can be found in Patent WO 2013014448 A1.2 - (2, 4, 5 - substituted -anilino) pyrimidine derivatives as egfr modulators useful for treating cancer. EGFR L858R EGFR Exon 19 deletion/T790M EGFR T790M

[1]. Patent WO 2013014448 A1. 2 - (2, 4, 5 - substituted -anilino) pyrimidine derivatives as egfr

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

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