
Product Data Sheet

Product Name: NCL 00017509

Cat. No.: GC50112

Chemical Properties

Cas. No. 1507367-00-1

SMILES C#CC1=C2C(NC=N2)=NC(NC3=CC=CC(CC(N)=O)=C3)=N1Formula $C_{15}H_{12}N_6O$ M.Wt 292.3

Solubility DMSO: 25 mg/ml 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**

Potent and reversible NIMA related kinase 2 (Nek2) inhibitor (IC₅₀ = 56 nM). Induces increased mitotic abnormalities and mitotic delay. Cell permeable and active in vivo.

Lebraud et al (2014) Model system for irreversible inhibition of Nek2: thiol addition to ethynylpurines and related substituted heterocycles. Org.Biomol.Chem. 12 141
PMID:24213855

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

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