
Product Data Sheet

Product Name: Raphin1
Cat. No.: GC38189

Chemical Properties

Cas. No. 2022961-17-5

SMILES N=C(N/N=C/C1=CC=CC(Cl)=C1Cl)N

Formula $C_8H_8Cl_2N_4$ M.Wt 231.08

Solubility DMSO: 125 mg/mL (540.94 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

Raphin1 is an orally bioavailable, selective inhibitor of R15B (PPP1R15B, a regulatory subunit of protein phosphatase 1). Raphin1 binds strongly to the R15B-PP1c holophosphatase with K_d of 33 nM.

[1] Agnieszka Krzyzosiak, et al. Cell. 2018 Aug 23;174(5):1216-1228.e19.

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

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