
Product Data Sheet

Product Name: PDD 00017238

Cat. No.: GC50638

Chemical Properties

Cas. No. 1952247-05-0

SMILES CC1=NC(C)=C(S1)CN2C(N(C3=CC(S(=O)(=O)NC4(CC4)C)=O)=CC=C23)C5=NC=NS5)=OFormula C₁₉H₂₀N₆O₃S₃

M.Wt 476.59

Solubility DMSO : 50 mg/mL (104.91 mM; ultrasonic and warming and heat to 60°C)

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**

High affinity and potent PARG inhibitor (K_d = 3.09 nM; IC₅₀ = 40 nM). Negative control PDD 00031705 also available.

James et al (2016) First-in-class chemical probes against poly(ADP-ribose) glycohydrolase (PARG) inhibit DNA repair with differential pharmacology to Olaparib. ACS Chem.Biol. 11 3179 PMID:27689388

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

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