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**Product Data Sheet**

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Product Name: PDD 00017272

Cat. No.: GC50637

**Chemical Properties**

Cas. No. 1945950-20-8

SMILES CC1=NC=C(S1)CN2C(N(C3=CC=C(S(=O)(NC4(CC4)C)=O)C=C3C2=O)CC5=C(N=C(S5)C)C)=OFormula C<sub>23</sub>H<sub>25</sub>N<sub>5</sub>O<sub>4</sub>S<sub>3</sub> M.Wt 531.66

Solubility DMSO : ≥ 25 mg/mL (47.02 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**

Potent poly (ADP ribose) glycohydrolase (PARG) inhibitor (IC<sub>50</sub> values are 4.8 nM in biochemical assay and 9.2 nM in cell based assay).

Waszkowycz et al (2018) Cell-active small molecule inhibitors of the DNA-damage repair enzyme poly(ADP-ribose) glycohydrolase (PARG): discovery and optimization of orally bioavailable quinazolinone sulfonamides. J.Med.Chem. 61 10767 PMID:30403352

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

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