
Product Data Sheet

Product Name: AM-TS23
Cat. No.: GC50123

Chemical Properties

Cas. No. 1489285-17-7

SMILES O=C(/C(S2)=C/C1=CC=C(SC3=CC=CC=C3C)C([N+])([O-])=O)=C1)NC2=S

Formula $C_{17}H_{12}N_2O_3S_3$ M.Wt 388.48

Solubility Soluble in DMSO 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

DNA polymerase λ and β inhibitor (IC₅₀ values are 3.9 and 18.2 μ M, respectively). Sensitizes human colorectal cancer cells to hydrogen peroxide and temozolomide in vitro.

Strittmatter et al (2014) Expanding the scope of human DNA polymerase λ and β inhibitors. ACS Chem.Biol. 9 282 PMID:24171552

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

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