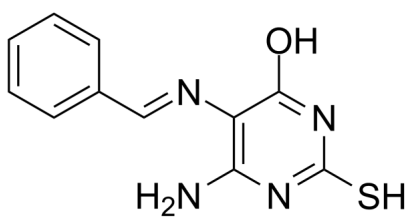


Data Sheet

Product Information

Catalog Number	BP13305
Product Name	L189
Description	L189 is a human DNA ligase inhibitor, inhibits hLigI/III/IV (IC50: 5/9/5 μ M).
Targets&IC50	DNA ligase I:5 μ M, DNA ligase III:9 μ M, DNA ligase IV:5 μ M
In vitro	L189 inhibits DNA ligases I, III and IV in DNA joining assays with purified proteins and in cell extract assays of DNA replication, base excision repair and non-homologous end joining. L189 markedly increases killing of HCT116 colon cancer cells and the other cancer cell lines by ionizing radiation.
CAS No.	64232-83-3
Chemical Formula	C11H10N4OS
Molecular Weight	246.29
Solubility	Ethanol: 1 mg/mL H2O: Insoluble; DMSO: 25 mg/mL
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure
OR
Tested Image



Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<https://www.purduebio.com>

1-877.618.7311

info@purduebio.com

v2 Revision on 12/28/2022