

LDN-27219

Catalog No: tcsc3225



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

312946-37-5

Formula:

$C_{20}H_{16}N_4O_2S_2$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 125 mg/mL (306.00 mM)

Observed Molecular Weight:

408.5

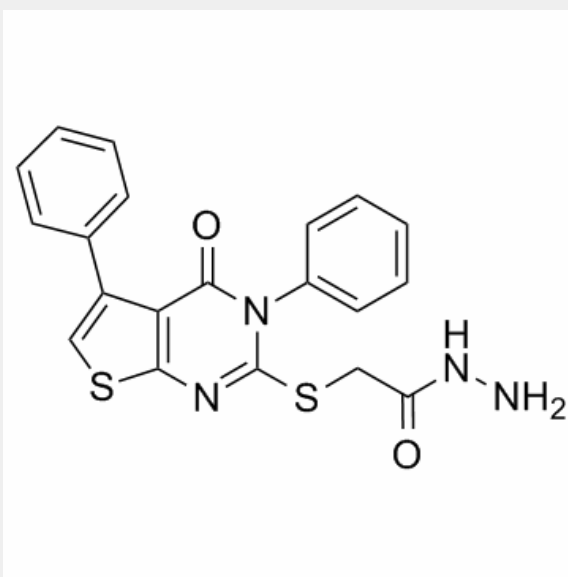
Product Description

LDN-27219 is a potent inhibitor of hTGase(Tissue transglutaminase) with an IC50 of 0.6 uM.

IC50 value: 0.6 uM [1]

Target: hTGase inhibitor

LDN-27219 is a potent inhibitor of the enzyme(hTGase), producing 100% inhibition at the screening concentration of 10 μ M. To examine the enzyme selectivity of LDN-27219, it was tested as an inhibitor of coagulation Factor XIIIa and caspase 3. At concentrations as high as 50 μ M, the compound had no effect on the activities of either of these enzymes. LDN-27219 was found to be nontoxic at concentrations as high as 100 μ M in an assay that measures the viability of HT1080 cells, a fibrosarcoma tumor cell line.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!