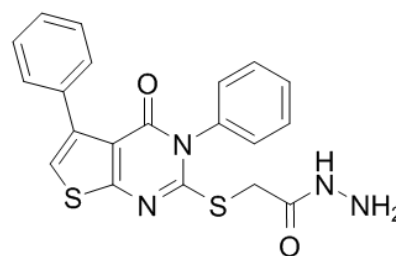


**Product Name** : LDN-27219  
**Cat. No.** : PC-45039  
**CAS No.** : 312946-37-5  
**Molecular Formula** : C<sub>20</sub>H<sub>16</sub>N<sub>4</sub>O<sub>2</sub>S<sub>2</sub>  
**Molecular Weight** : 408.4966  
**Target** : Glutaminase  
**Solubility** : DMSO: ≥ 4.3 mg/mL



### Biological Activity

LDN-27219 is a potent, reversible inhibitor of **hTGase** (Tissue transglutaminase) with IC<sub>50</sub> of 0.8 μM.

LDN-27219 does not bind at the enzyme's active site but rather at the enzyme's GTP site, or a site that regulates binding of GTP.

### References

Duval E, et al. *Bioorg Med Chem Lett*. 2005 Apr 1;15(7):1885-9.

Case A, et al. *Biochemistry*. 2007 Jan 30;46(4):1106-15.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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