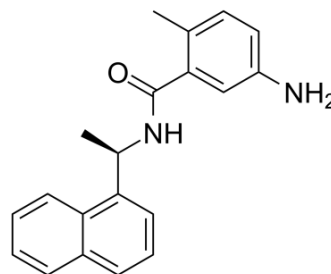


GRL0617

Cat. No.:	HY-117043
CAS No.:	1093070-16-6
Molecular Formula:	C ₂₀ H ₂₀ N ₂ O
Molecular Weight:	304.39
Target:	Deubiquitinase; SARS-CoV
Pathway:	Cell Cycle/DNA Damage; Anti-infection
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	GRL0617 is a potent, selective and competitive noncovalent inhibitor of severe acute respiratory syndrome (SARS-CoV) papain-like protease (PLpro)/deubiquitinase , with an IC ₅₀ of 0.6 μM, and with a K _i of 0.49 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.6 μM (SARS-CoV PLpro) ^[1]

REFERENCES

[1]. Ratia K, et al. A noncovalent class of papain-like protease/deubiquitinase inhibitors blocks SARS virus replication. Proc Natl Acad Sci U S A. 2008 Oct 21;105(42):16119-24.

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

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