
Catalog	Unit
TBI4963-5MG	5 mg
TBI4963-25MG	25 mg

Product Details

Formal Name: 1-[(R)-1-(1-Naphthyl)ethyl]-4-[3,4-(methylenedioxy)benzylamino]carbonylpiperidine

Molecular Formula: C₂₆H₂₈N₂O₃

Formula Weight: 416.50

CAS Number: 1234195-91-5

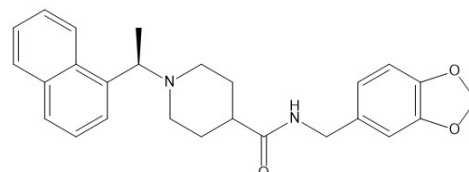
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml) or Ethanol (up to 15 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

SARS-CoV-2 papain-like protease (PLpro, Nsp3) inhibitor

Functions

GRL-0667 is a potent (IC₅₀ = 320 nM) noncovalent inhibitor of severe acute respiratory syndrome-coronavirus papain-like protease (SARS-CoV PLpro). GRL-0667 inhibited SARS-CoV viral replication in Vero E6 cells with no cytotoxicity (EC₅₀ = 9.1 μM).

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or Ethanol (up to 15 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

For research use only.