

## Belumosudil mesylate Biochemical

Belumosudil mesylate

CATALOG #  
**AAA228128**

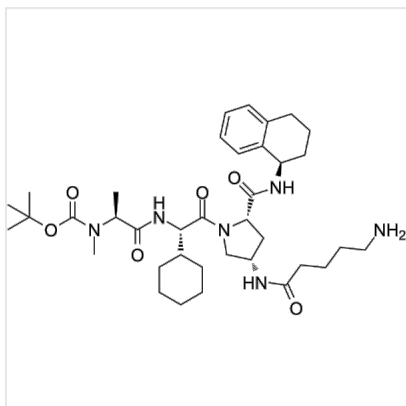
### PRODUCT SYNONYMS

Belumosudil mesylate; Belumosudil mesylate biochemical

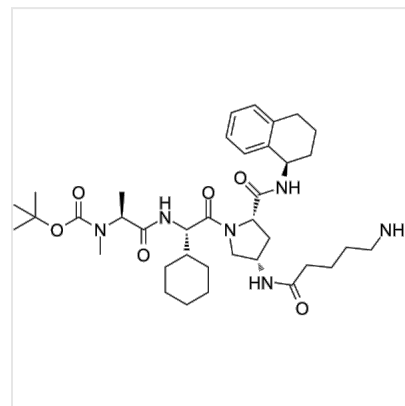
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                                                                                                               |
| CAS                     | 2109704-99-4                                                                                                                                                                                                                                      |
| Targets&IC50            | ROCK1:24 uM (IC50), ROCK2:105 nM (IC50)                                                                                                                                                                                                           |
| Solubility              | <1mg/ml refers to the product slightly soluble or insoluble                                                                                                                                                                                       |
| In vitro                | Belumosudil (KD-025; 100, 200 or 300 mg/kg, i.p.) dose-dependently reduces infarct volume after transient middle cerebral artery occlusion. Belumosudil is at least as efficacious in aged, diabetic or female mice, as in normal adult males[2]. |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years                                                                                                                                                                          |

### IMAGES



Structure  
Boc-A 410099.1 amide-alkylC4-amine, CAS 2415256-18-5



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### ADDITIONAL INFORMATION

#### Related Product Information for Belumosudil mesylate biochemical

Belumosudil mesylate (KD025 mesylate) is a selective inhibitor of ROCK2 with IC 50 s of 105 nM and 24 uM for ROCK2 and ROCK1, respectively. Anti-fibrotic properties.

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.