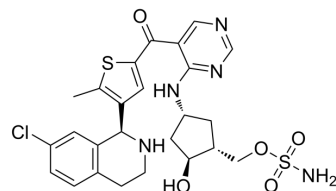


(S)-Subasumstat

| | | | |
|---------------------------|--|-------|----------|
| Cat. No.: | HY-111789A | | |
| CAS No.: | 1858282-76-4 | | |
| Molecular Formula: | C ₂₅ H ₂₈ ClN ₅ O ₅ S ₂ | | |
| Molecular Weight: | 578.1 | | |
| Target: | Others | | |
| Pathway: | Others | | |
| Storage: | Powder | -20°C | 3 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (172.98 mM; Need ultrasonic)

| Concentration | Mass | | |
|---------------|-----------|-----------|------------|
| | 1 mg | 5 mg | 10 mg |
| 1 mM | 1.7298 mL | 8.6490 mL | 17.2980 mL |
| 5 mM | 0.3460 mL | 1.7298 mL | 3.4596 mL |
| 10 mM | 0.1730 mL | 0.8649 mL | 1.7298 mL |

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

(S)-Subasumstat is the inactive isomer of Subasumstat (HY-111789), and can be used as an experimental control. Subasumstat (TAK-981) is a first in class and selective inhibitor of the SUMOylation enzymatic cascade, with potential immune-activating and antineoplastic activities^{[1][2]}.

REFERENCES

[1]. Sumoylation inhibitor TAK-981.

[2]. TAK-981.

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

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