

CSP1 biochemical

CSP1

CATALOG #
AAA227877

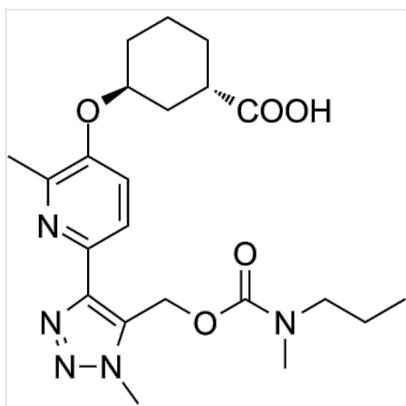
PRODUCT SYNONYMS

CSP1; CSP1 biochemical

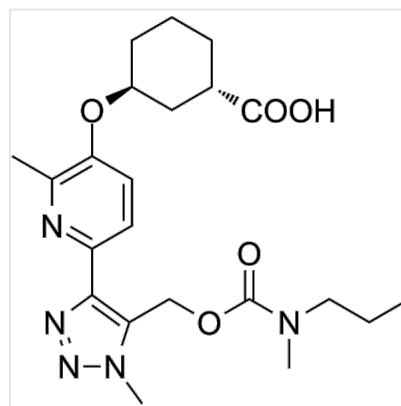
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	172889-49-5
Targets&IC50	ComD1 receptor:10.3 nM (IC50)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
BMS-986278, CAS 2170126-74-4



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ADDITIONAL INFORMATION

Related Product Information for CSP1 biochemical	CSP1 is a potent and selective ComD1 receptor agonist, with an IC 50 of 10.3 nM. CSP1 is a major variants of competence-stimulating peptide (CSP), and it can regulate genetic transformation of <i>S. pneumonia</i> by modulating quorum sensing (QS). CSP1 can act as an antibacterial agent.
References	1. Cheng PTW, et al. Murphy BJ. Discovery of an Oxycyclohexyl Acid Lysophosphatidic Acid Receptor 1 (LPA1) Antagonist BMS-986278 for the Treatment of Pulmonary Fibrotic Diseases. J Med Chem. 2021 Nov 11;64(21):15549-15581.

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.