

Telaglenastat hydrochloride Biochemical

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CATALOG #
AAA227967

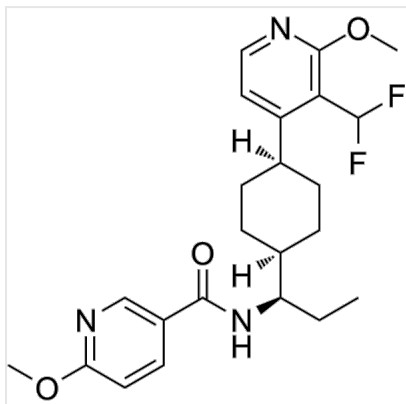
PRODUCT SYNONYMS

Telaglenastat hydrochloride; Telaglenastat hydrochloride biochemical

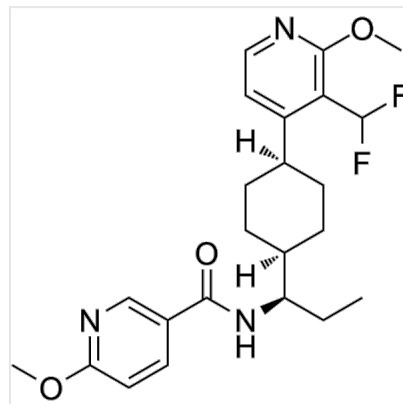
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1874231-60-3
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Telaglenastat (CB-839)(200 mg/kg; p.o.; twice daily for 28 days) has antitumor activity in xenograft models of TNBC[1]. Animal Model: Female nu/nu mice with age 4-6 weeks (TNBC patient-derived xenograft model)[1]. Dosage: 200 mg/kg. Administration: Oral administration; twice daily for 28 days. Result: Suppressed tumor growth by 61% relative to vehicle control at the end of study.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
BMT-297376, CAS 2251031-81-7



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ADDITIONAL INFORMATION

Related Product Information for Telaglenastat hydrochloride biochemical	Telaglenastat (CB-839) hydrochloride is a first-in-class, selective, reversible and orally active glutaminase 1 (GLS1) inhibitor. Telaglenastat hydrochloride selectively inhibits GLS1 splice variants KGA (kidney-type glutaminase) and GAC (glutaminase C) compared to GLS2. The IC 50 s are 23 nM and 28 nM for endogenous glutaminase in mouse kidney and brain, respectively. Telaglenastat hydrochloride induces autophagy and has antitumor activity.
References	1. Roshan Y. Nimje, et al. Development of a Stereoselective and Scalable Synthesis for the Potent Indoleamine 2,3-Dioxygenase 1 (IDO1) Inhibitor, BMT-297376; N-((R)-1-((cis)-4-(3-(Difluoromethyl)-2-methoxypyridin-4-yl)cyclohexyl)propyl)-6-methoxynicotinamide. Org. Process Res. Dev. 2021, 25, 7, 1680-1689.

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.

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Online datasheet: <https://www.aaabiotech.com/biochemical/telaglenastat-hydrochloride/227967>