

BRK inhibitor P21d hydrochloride Biochemical

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CATALOG #
AAA228264

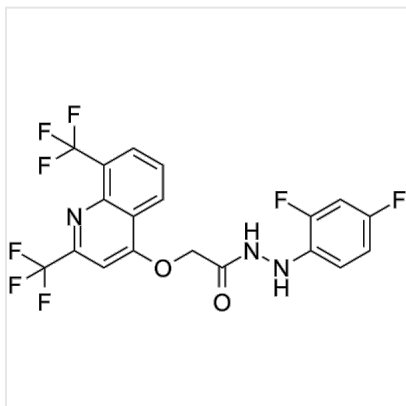
PRODUCT SYNONYMS

BRK inhibitor P21d hydrochloride; BRK inhibitor P21d hydrochloride biochemical

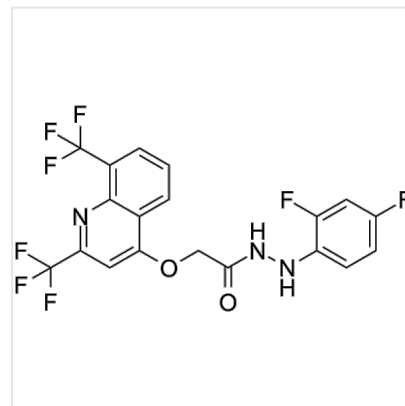
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2250025-98-8
Targets&IC50	Aurora B:20 uM (IC50), Brk:30 nM (IC50), p-SAM68:52 nM (IC50), Lck:20 uM (IC50)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	BRK inhibitor P21d hydrochloride (compound 21d) has much better permeability (CACO-2:314 nm/s) and PK profile (rat, po, 10 mpk, AUC 0-6h =31.1 uM/h,C 6h =3.5 uM)[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Antifungal agent 15, CAS 2639531-53-4



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ADDITIONAL INFORMATION

Related Product Information for BRK inhibitor P21d hydrochloride biochemical	BRK inhibitor P21d hydrochloride is a potent breast tumor kinase (BRK/PTK6) inhibitor with an IC 50 of 30 nM. BRK inhibitor P21d hydrochloride inhibits p-SAM68 with an IC 50 of 52 nM. BRK inhibitor P21d hydrochloride can be used to evaluate the in vivo activity of BRK inhibitors in xenograft breast tumor models.
References	1. Chen YJ, et al. Antifungal Exploration of Quinoline Derivatives against Phytopathogenic Fungi Inspired by Quinine Alkaloids. J Agric Food Chem. 2021 Oct 20;69(41):12156-12170.

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.

