

BMS-986143 biochemical

BMS-986143

CATALOG #
AAA227848

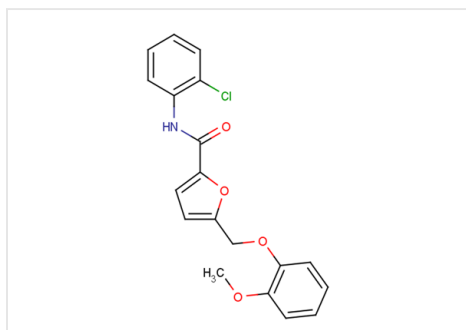
PRODUCT SYNONYMS

BMS-986143; BMS-986143 biochemical

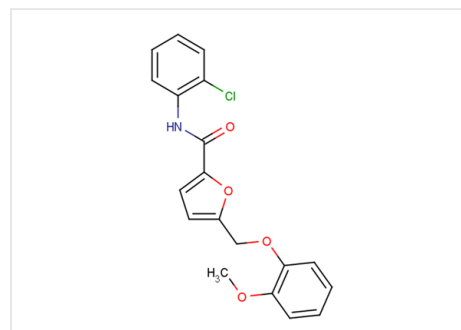
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1643372-95-5
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	BMS-986143 demonstrates desirable efficacy in mouse models of collagen-induced arthritis (CIA) and anticollagen antibody-induced arthritis (CAIA) [1]. BMS-986143 exhibits high oral bioavailability (mouse 100%, dog 82%) and moderate C max (mouse 4.3, dog 1.2 μ M) following oral administration (mouse 6, dog 2 mg/kg) [1]. BMS-986143 exhibits long elimination half-lives (mouse 3.6, dog 7.9 h) due to moderate plasma clearance (8.6, 4.4 mL/min/kg respectively) combined with low volumes of distribution (1.8, 2.6 L/kg respectively) following intravenous administration (mouse 3.0, dog 1.0 mg/kg) [1]. Animal Model: DBA/1 male mice (8-10wk of age) bearing CIA model [1] Dosage: 15 and 45 mg/kg. Administration: Oral gavage; BID. Result: 15 and 45 mg/kg provided dose-dependent inhibition of observed clinical disease progression (63% and 80%, respectively), representing 17 and 19 h coverage of the mouse whole blood IC 50 (130 nM).
Preparation and Storage	Powder: -20 degree C for 3 yearsIn solvent: -80 degree C for 2 years

IMAGES



Structure
WAY-325398, CAS 445231-36-7



Structure
WAY-325398, CAS 445231-36-7

ADDITIONAL INFORMATION

Related Product Information for BMS-986143 biochemical	BMS-986143 is an orally active, reversible BTK inhibitor with an IC 50 of 0.26 nM. BMS-986143 also inhibits TEC, BLK, BMX, TXK FGR, YES1, ITK with IC 50 s of 3 nM, 5 nM, 7 nM, 10 nM, 15 nM, 19 nM, 21 nM, respectively. BMS-986143 can be used for the research of autoimmune diseases [1].
Product Categories/Family for BMS-986143 biochemical	Others

NCBI AND UNIPROT INFORMATION

Molecular Weight	357.79
------------------	--------

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/biochemical/bms-986143/227848>