

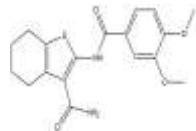
PRODUCT: TCS-359

ALTERNATE NAME: 2-(3,4-dimethoxybenzamido)-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxamide

CATALOG #: B2212-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₈H₂₀N₂O₄S

MOLECULAR WEIGHT: 360.43

CAS NUMBER: 301305-73-7

APPEARANCE: White solid

SOLUBILITY: DMSO (>10 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from light and light

DESCRIPTION: TCS-359 is a potent, ATP-competitive inhibitor of FLT3 receptor tyrosine kinase (IC₅₀ = 42 nM) that displays selectivity over a range of other kinases. It blocks the proliferation of myelomonocytic leukemia MV4-11 cells. TCS-359 synergistically increases the cytotoxicity of an AF4-mimetic peptide against MV4-11 cells.

REFERENCES: Patch, R.J., *et al.* (2006). *Bioorg. Med. Chem. Lett.* **16**, 3282-3286.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

AMG-925 (**B1959**)
Crenolanib (**9679**)
Gilteritinib (**B1294**)
G-749 (**B2213**)
KW-2449 hydrochloride (**B1208**)
Quizartinib (**2008**)
Tandutinib (**2024**)
TCS-359 (**B2212**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**