

Catalog	Unit
TBI2181-10MG	10 mg
TBI2181-50MG	50 mg

Product Details

Formal Name: 6-[(Aminocarbonyl)(2,6-difluorophenyl)amino]-2-(2,4-difluorophenyl)-3-pyridinecarboxamide

Molecular Formula: C₁₉H₁₂F₄N₄O₂

Formula Weight: 404.32

CAS Number: 745833-23-2

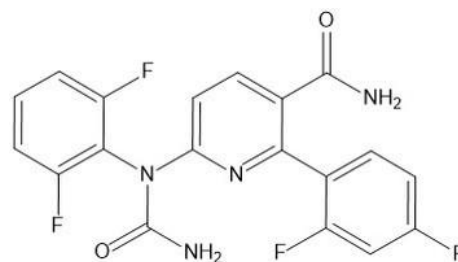
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 40 mg/ml) or in Ethanol (up to 2 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

p38a MAP kinase inhibitor

Functions

A potent and selective inhibitor of p38 MAP kinases, p38 α MAPK and p38 β (KD = 3.7 and 17 nM respectively). Inhibits IL-6, IL-1 β and TNF α production in LPS-primed blood. Inhibits p38 in platelets stimulated by thrombin, collagen or thromboxane agonist U-46619 at 1 μ M. Provides only modest clinical efficacy in rheumatoid arthritis. Delays platelet lesions and leads to better maintenance of stored platelets.

Application Procedures

First dissolved in DMSO (up to 40 mg/ml) or in Ethanol (up to 2 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

For research use only.