

Catalog	Unit
TBI2172 - 10MG	10 mg
TBI2172 - 50MG	50 mg

Product Details

Formal Name: 4-[4-(4-Fluorophenyl)-5-(4-pyridinyl)-1H-imidazol-2-yl]phenol

Molecular Formula: C₂₀H₁₄N₃O

Formula Weight: 331.35

CAS Number: 152121-30-7

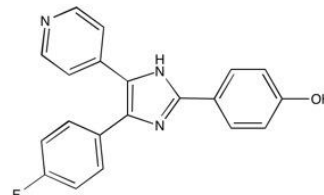
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 30 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

p38 MAP kinase inhibitor

Functions

SB 202190 (152121-30-7) is a potent and selective p38 MAP kinase inhibitor acting at the ATP site. Selectively inhibits the p38 α and β isoforms (IC₅₀ = 50 and 100 nM for SAPK2 α /p38 and SAPK2 β /p38 β 2 respectively). SB 202190 effectively blocks LPS-induced gene expression in monocytes. Induces apoptosis. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 30 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

For research use only.