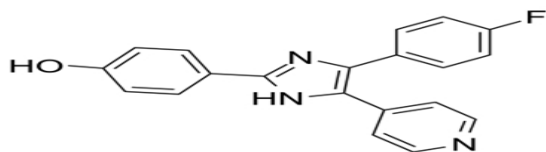


SB 202190 (CAS: 152121-30-7)**Catalog #: EBC51002****Biological Activity**

Synonyms	SB-202190, SB202190, FHPI
Chemical Name	4-(4-Fluorophenyl)-2-(4-hydroxyphenyl)-5-(4-pyridyl)-1H-imidazole
Application	SB 202190 is an inhibitor of the isoforms p38 α and p38 β
CAS No.	152121-30-7
Purity	\geq 98%
Molecular Weight	331.34
Molecular Formula	C ₂₀ H ₁₄ FN ₃ O
Shipping	Gel Pack
Storage	Store at -20° C
Target & IC₅₀	p38 α : IC ₅₀ = 14.3 nM p38 MAP kinase: IC ₅₀ = 30 nM p38 β : IC ₅₀ = 100 nM Toxoplasma gondii: IC ₅₀ = 1 μ M

Molecular Structure**Solubility**

DMSO: 33.1 mg/mL (100 mM)

PS: < 1 mg/ml refers to the product insoluble

Description

SB 202190 is a selective and potent p38 MAP kinases inhibitor, binding to its ATP pocket. It has negligible inhibiting properties on other MAP kinases such as ERKs and JNKs. SB 202190 is reported to be used to induce cardiomyocyte differentiation from human embryonic stem cells and increase neural stem cell self-renewal.

For Reserch Use Only. Not For Use In Diagnostic Procedures

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