

Product datasheet

SB 203580 ab120162

10 References

Overview

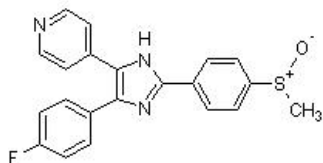
Product name	SB 203580
Description	p38 MAPK inhibitor
Biological description	Cell-permeable p38 MAPK inhibitor. Shows selectivity over many other kinases but also shown to have some inhibitory activity against GAK, CK1, RIP2, c-Raf and GSK3.
Purity	> 99%

Properties

Chemical name 4-[4-(4-Fluorophenyl)-2-[4-(methylsulfinyl)phenyl]-1*H*-imidazol-5-yl]pyridine

Molecular weight 377.43

Chemical structure



Molecular formula C₂₁H₁₆FN₃OS

CAS Number 152121-47-6

PubChem identifier 176155

Storage instructions Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.

Solubility overview Soluble in DMSO to 25 mM

Handling Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

SMILES CS(=O)c1ccc(cc1)c2nc(c(n2)c3ccncc3)c4ccc(F)cc4

Source Synthetic

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