SB 203580

Product Number  S 8307
Storage Temperature  -20 °C

Product Description
Molecular Formula:  C_{21}H_{16}FN_{3}OS
Molecular Weight:  377.4

This product is an inhibitor of SAPK2 (p38) and acts as an anti-inflammatory drug.\(^1,2,3,4,5,6,7,8\) The SAPK2 cascade is activated by cellular stress, bacterial infection, and pro-inflammatory cytokines. This results in the phosphorylation of AP1 transcription factors, including c-Jun. This product, as an inhibitor of these pathways, has been used to identify several physiological substrates along this pathway and to identify which SAPK2 isoforms are involved in specific processes such as cellular inflammatory responses.

Precautions and Disclaimer
For Laboratory Use Only. Not for drug, household or other uses.

Preparation Instructions
This product is soluble in DMSO (50 mg/ml).

References