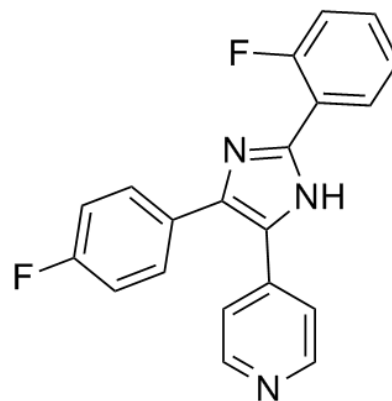


Product Name : TA-02
Cat. No. : PC-42059
CAS No. : 1784751-19-4
Molecular Formula : C₂₀H₁₃F₂N₃
Molecular Weight : 333.3341
Target : p38 MAPK
Solubility : 10 mM in DMSO



Biological Activity

TA-02 is a potent **p38 MAPK** inhibitor with IC₅₀ of 20 nM.

TA-02 inhibits the phosphorylation of proteins downstream of p38α MAPK such as MAPKAPK2 and HSP27 during cardiogenesis, and increases ATF-2 and MEF2C during cardiac differentiation.

References

Laco F, et al. *J Mol Cell Cardiol*. 2015 Mar;80:56-70.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com