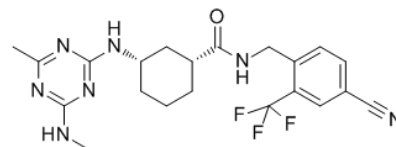


Product Name : GSK2256294A
Cat. No. : PC-45669
CAS No. : 1142090-23-0
Molecular Formula : C₂₁H₂₄F₃N₇O
Molecular Weight : 447.4568
Target : Other Targets
Solubility : DMSO: ≥ 47 mg/mL



Biological Activity

GSK2256294A is a potent, selective **soluble epoxide hydrolase (sEH, EPHX2)** inhibitor with IC₅₀ of 27/61/189 pM for recombinant human/rat/mouse sEH, respectively.

GSK2256294A exhibits potent cell-based activity, a concentration-dependent inhibition of the conversion of 14,15-EET to 14,15-DHET in human (IC₅₀=6.83 nM), rat and mouse whole blood in vitro, and a dose-dependent increase in the LTX/LTX diol ratio in rats; orally active.

References

Podolin PL, et al. *Prostaglandins Other Lipid Mediat.* 2013 Jul-Aug;104-105:25-31.

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

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