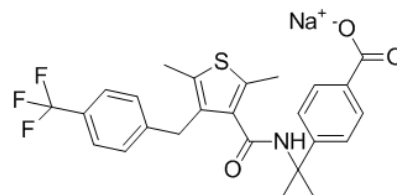


Product Name : MK-2894 sodium
Cat. No. : PC-42573
CAS No. : 1006036-88-9
Molecular Formula : C₂₅H₂₁F₃NNaO₃S
Molecular Weight : 495.4891
Target : Prostaglandin Receptor
Solubility : 10 mM in DMSO



Biological Activity

A highly potent, selective, second generation prostaglandin E2 subtype 4 receptor (EP4) antagonist with K_i of 0.56 nM; displays >10,000-fold selectivity over EP2 receptors; exhibits favorable pharmacokinetic profile and potent anti-inflammatory activity in animal models of pain/inflammation.

References

Blouin M, et al. J Med Chem. 2010 Mar 11;53(5):2227-38.

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

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