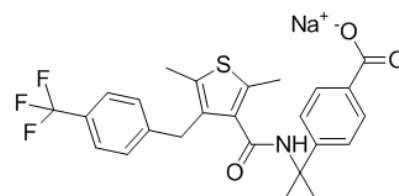


**Product Name** : MK-2894 sodium  
**Cat. No.** : PC-42573  
**CAS No.** : 1006036-88-9  
**Molecular Formula** : C<sub>25</sub>H<sub>21</sub>F<sub>3</sub>NNaO<sub>3</sub>S  
**Molecular Weight** : 495.4891  
**Target** : Prostaglandin Receptor  
**Solubility** : 10 mM in DMSO



### Biological Activity

MK-2894 sodium is a highly potent, selective, second generation prostaglandin E2 subtype 4 receptor (**EP4**) antagonist with K<sub>i</sub> of 0.56 nM.

MK-2894 displays >10,000-fold selectivity over EP2 receptors.

MK-2894 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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