

Product Data Sheet

Product Name: MK-2894 sodium salt

Cat. No.: GC36623

Chemical Properties

Cas. No. 1006036-88-9

SMILES [O-]C(C1=CC=C(C2(NC(C3=C(C)SC(C)=C3CC4=CC=C(C(F)(F)F)C=C4)=O)CC2)C=C1)=O.[Na+]

Formula $C_{25}H_{21}F_3NNaO_3S$

M.Wt 495.49

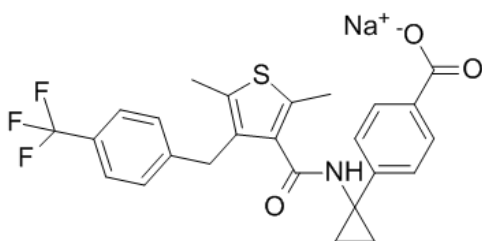
Solubility Soluble in DMSO

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

MK-2894 sodium salt is a highly potent and selective second generation EP4 antagonist. IC50 value: Target: EP4. MK-2894 exhibits favorable pharmacokinetic profile in a number of preclinical species and potent anti-inflammatory activity in several animal models of pain/inflammation. MK-2894 also shows favorable GI tolerability profile in rats when compared to traditional NSAID indomethacin.

[1]. Blouin M, Han Y, Burch J, Farand J, Mellon C, Gaudreault M, Wrona M, Lévesque JF, Denis D,

Caution: Product has not been fully validated for medical applications. For research use only.

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Mathieu MC, Stocco R, Vigneault E, Therien A, Clark P, Rowland S, Xu D, O'Neill G, Ducharme Y, Friesen R. The discovery of 4-{1-[(2,5-dimethyl-4-[4-(trifluorometh

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