Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

AGN 194078

Catalog No: tcsc0018425

Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Specifications

CAS No:
321995-62-4

Formula:
$C_{22}H_{23}F_2NO_4$

Pathway:
Metabolic Enzyme/Protease

Target:
RAR/RXR

Purity / Grade:
>98%

Solubility:
10 mM in DMSO

Observed Molecular Weight:
403.42

Product Description
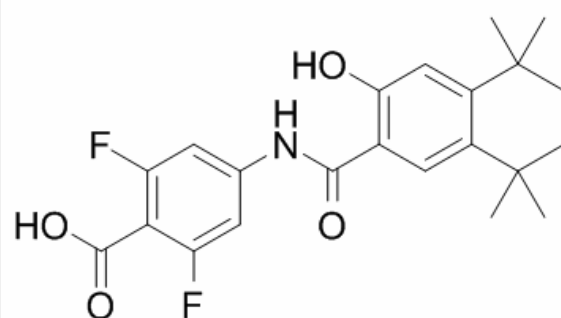
AGN 194078 is a selective **RARα** agonist with a K_d and **EC_{50}** of 3 and 112 nM, respectively.

IC50 & Target: Kd: 4 nM (RARα)[1]

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EC50: 140 nM (RARα)[1]

In Vitro: AGN 194078 is a selective RARα agonist and binds to RARα with very high affinity, having a K_d value of 3 nM, while being unable to bind to RARβ and binding only very weakly (K_d=5600 nM) to RARγ. Furthermore, AGN 194078 maintains full transcriptional activity through RARα, with an EC_{50} value of 112 nM, but only activated

RARβ and RARγ with about 10% efficacy at the highest dose (1000 nM) tested[1].

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!