

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

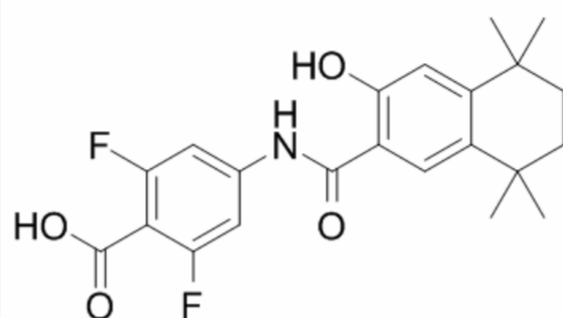
AGN 194078 is a selective **RAR α** agonist with a **K_d** and **EC₅₀** of 3 and 112 nM, respectively.

IC50 & Target: Kd: 4 nM (RAR α)^[1]

EC50: 140 nM (RAR α)^[1]

In Vitro: AGN 194078 is a selective RAR α agonist and binds to RAR α with very high affinity, having a K_d value of 3 nM, while being unable to bind to RAR β and binding only very weakly (K_d =5600 nM) to RAR γ . Furthermore, AGN 194078 maintains full transcriptional activity through RAR α , with an EC₅₀ value of 112 nM, but only activated

RAR β and RAR γ with about 10% efficacy at the highest dose (1000 nM) tested^[1].



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