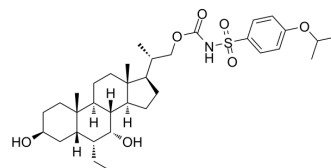


NR1H4 activator 1

Cat. No.:	HY-125996
CAS No.:	2242855-68-9
Molecular Formula:	C ₃₄ H ₅₃ NO ₇ S
Molecular Weight:	619.85
Target:	FXR
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NR1H4 activator 1 is a potent and selective Farnesoid X Receptor (FXR) agonist, extracted from patent WO2018152171A1, example 4. NR1H4 activator 1 shows strong FXR agonistic potency with a EC ₅₀ value of 1 nM in a Human FXR (NR1H4) Assay. NR1H4 activator 1 has the potential for treatment of gastrointestinal disease ^[1] .
IC ₅₀ & Target	EC ₅₀ : 1 nM (Farnesoid X Receptor) ^[1]
In Vitro	NR1H4 activator 1 exhibits a EC ₅₀ value of 1 nM in a Human FXR (NR1H4) Assay. This assay is aim to determinate the ligand mediated Gal4 promoter driven transactivation to quantify ligand binding mediated activation of FXR ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Guoqiang Wang, et al. Bile acid derivatives as fxr agonists and methods of use thereof. Patent WO2018152171A1.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA