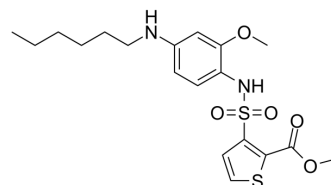


ST247

Cat. No.:	HY-116247
CAS No.:	1356497-91-0
Molecular Formula:	C ₁₉ H ₂₆ N ₂ O ₅ S ₂
Molecular Weight:	426.55
Target:	PPAR
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ST247 a potent PPAR β/δ inverse agonist. ST247 has a higher affinity to PPAR β/δ . ST247 modulates expression of the activation marker CCL2 in the opposite direction. ST247 efficiently induces the interaction with corepressors. ST247 inhibits the agonist-induced transcriptional activity of PPAR β/δ ^[1] .
IC₅₀ & Target	PPAR β/δ
In Vitro	ST247 induces a clearly enhanced interaction of the PPAR β/δ LBD with the SMRT-ID2 peptide, with an EC ₅₀ of 10 nM ^[1] . ST247 down-regulates basal level expression of the peroxisome proliferator responsive element-driven PPAR β/δ target gene ANGPTL4, with an IC ₅₀ of 19.1 nM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Naruhn S, et al. High-affinity peroxisome proliferator-activated receptor β/δ -specific ligands with pure antagonistic or inverse agonistic properties. Mol Pharmacol. 2011 Nov;80(5):828-38.

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