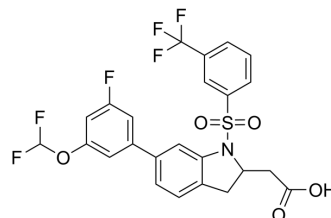


RORyt agonist 1

Cat. No.:	HY-126321
CAS No.:	2377378-89-5
Molecular Formula:	C ₂₄ H ₁₇ F ₆ NO ₅ S
Molecular Weight:	545.45
Target:	ROR
Pathway:	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	RORyt agonist 1 (compound 14) is a potent, orally bioavailable RORyt agonist with an EC ₅₀ of 20.8 nM. RORyt agonist 1 shows high metabolic stability, improved aqueous solubility and excellent mouse PK profile. RORyt agonist 1 is a potential candidate of RORyt agonist for cancer immunotherapy ^[1] .
IC ₅₀ & Target	EC ₅₀ : 20.8 nM (RORyt) ^[1]
In Vivo	RORyt agonist 1 shows high metabolic stability (t _{1/2} = 113 min) in mouse liver microsome and has improved aqueous solubility at pH 7.4 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Zhu Y, et al. Discovery of aryl-substituted indole and indoline derivatives as RORyt agonists. *Eur J Med Chem.* 2019 Aug 6;182:111589.

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

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