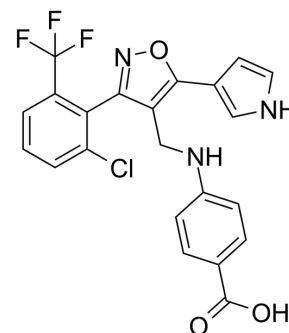


## FM26

Cat. No.:	HY-133128
CAS No.:	2407981-35-3
Molecular Formula:	C <sub>22</sub> H <sub>15</sub> ClF <sub>3</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	461.82
Target:	ROR
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	FM26 (compound 25) is a potent and allosteric retinoic acid receptor-related orphan receptor $\gamma$ t (ROR $\gamma$ t) inverse agonists with an IC <sub>50</sub> of 264 nM. FM26 has a distinct isoxazole chemotype and effectively reduces IL-17a mRNA production in EL4 cells [1].
IC <sub>50</sub> & Target	IC <sub>50</sub> : 264 nM (ROR $\gamma$ t) <sup>[1]</sup>
In Vitro	FM26 (compound 25; 10 $\mu$ M, 24h) significantly reduces IL-17a mRNA expression 27-fold in EL4 cells <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES

[1]. Meijer FA, et al. Ligand-Based Design of Allosteric Retinoic Acid Receptor-Related Orphan Receptor  $\gamma$ t (ROR $\gamma$ t) Inverse Agonists. *J Med Chem.* 2020 Jan 9;63(1):241-259.

**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