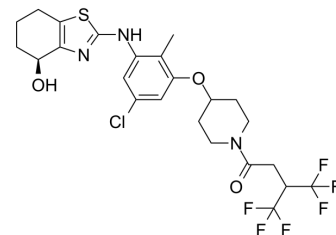


## ROR $\gamma$ t/DHODH-IN-3

Cat. No.:	HY-142847
CAS No.:	2764662-16-8
Molecular Formula:	C <sub>24</sub> H <sub>26</sub> ClF <sub>6</sub> N <sub>3</sub> O <sub>3</sub> S
Molecular Weight:	585.99
Target:	ROR; Dihydroorotate Dehydrogenase
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

ROR $\gamma$ t/DHODH-IN-3 (compound (S)-14d) is a dual ROR $\gamma$ t/DHODH inhibitor, with IC<sub>50</sub>s of 0.098  $\mu$ M and 0.432  $\mu$ M, respectively. ROR $\gamma$ t/DHODH-IN-3 exhibits remarkable in vivo anti-inflammatory activity<sup>[1]</sup>.

### REFERENCES

[1]. Chen J, et, al. Discovery of Orally Available Retinoic Acid Receptor-Related Orphan Receptor  $\gamma$ -t/Dihydroorotate Dehydrogenase Dual Inhibitors for the Treatment of Refractory Inflammatory Bowel Disease. *J Med Chem.* 2022 Jan 13;65(1):592-615.

**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