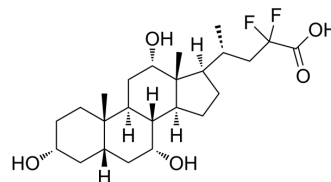


## TGR5 agonist 4

Cat. No.:	HY-155307
Molecular Formula:	C <sub>24</sub> H <sub>38</sub> F <sub>2</sub> O <sub>5</sub>
Molecular Weight:	444.55
Target:	G protein-coupled Bile Acid Receptor 1
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

TGR5 agonist 4 (compound 19), a cholic acid derivative, is a selective TGR5 agonist with an EC<sub>50</sub> of 4 μM<sup>[1]</sup>.

### REFERENCES

[1]. Emiliano Rosatelli, et al. Chemical exploration of TGR5 functional hot-spots: Synthesis and structure-activity relationships of C7- and C23-Substituted cholic acid derivatives. Eur J Med Chem. 2023 Oct 1;261:115851.

**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