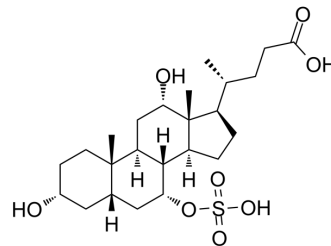


Cholic acid 7-sulfate

Cat. No.:	HY-126855
CAS No.:	60320-05-0
Molecular Formula:	C ₂₄ H ₄₀ O ₈ S
Molecular Weight:	488.63
Target:	GPCR19
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Cholic acid 7-sulfate (7-Sulfocholic acid), a metabolite of Cholic acid, is a Takeda G-protein receptor 5 (TGR5) agonist. Cholic acid 7-sulfate can increase Tgr5 expression and induce GLP-1 secretion ^[1] .
IC ₅₀ & Target	TGR ^[1]

REFERENCES

[1]. Chaudhari SN, et, al. Bariatric surgery reveals a gut-restricted TGR5 agonist with anti-diabetic effects. Nat Chem Biol. 2021 Jan;17(1):20-29.

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

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