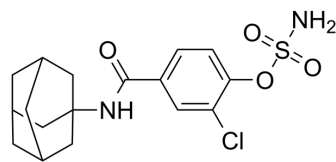


Steroid sulfatase-IN-3

Cat. No.:	HY-150543
CAS No.:	2413880-53-0
Molecular Formula:	C ₁₇ H ₂₁ ClN ₂ O ₄ S
Molecular Weight:	384.88
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Steroid sulfatase-IN-3 (compound 1q) is a potent STS (Steroid sulfatase) inhibitor, with an IC ₅₀ of 25.8 nM. Steroid sulfatase-IN-3 shows antiproliferative activity against T-47D estrogen-dependent breast cancer cells, with an IC ₅₀ of 1.04 μM ^[1] .
IC₅₀ & Target	IC ₅₀ : 25.8 nM (STS, in JEG-3 cell lysate), 150.0 nM (STS, in JEG-3 cells) ^[1]

REFERENCES

[1]. El-Gamal MI, et al. A new series of aryl sulfamate derivatives: Design, synthesis, and biological evaluation. *Bioorg Med Chem.* 2020 Apr 15;28(8):115406.

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

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