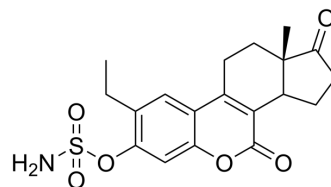


## Steroid sulfatase-IN-6

Cat. No.:	HY-155234
Molecular Formula:	C <sub>19</sub> H <sub>21</sub> NO <sub>6</sub> S
Molecular Weight:	391.44
Target:	Steroid Sulfatase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Steroid sulfatase-IN-6 (Compound 10c) is an irreversible inhibitor of steroid sulfatase (STS). Steroid sulfatase-IN-6 has an  $K_i$  value of 0.4 nM for human placenta STS. Steroid sulfatase-IN-6 can be used for tumor diseases research<sup>[1]</sup>.

### REFERENCES

[1]. Chiu PF, et al. Design, structure-activity relationships, and enzyme kinetic studies of tricyclic and tetracyclic coumarin-based sulfamates as steroid sulfatase inhibitors. *Bioorg Chem.* 2023 Sep;138:106581.

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

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