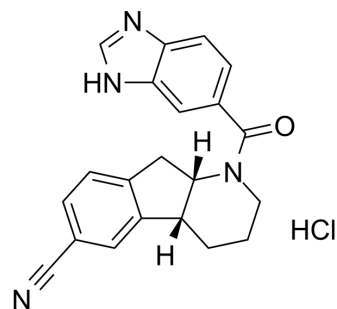


## 11 $\beta$ -HSD1-IN-6

Cat. No.:	HY-145381
CAS No.:	1303515-33-4
Molecular Formula:	C <sub>21</sub> H <sub>19</sub> ClN <sub>4</sub> O
Molecular Weight:	378.85
Target:	11 $\beta$ -HSD
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

11 $\beta$ -HSD1-IN-6 is a 11 $\beta$ -HSD-1 inhibitor. The 11 $\beta$  hydroxysteroid dehydrogenase enzymes (11 $\beta$ -HSDs) mediate the interconversion of the glucocorticoid (GC) corticosterone or cortisol to an inactive form, 11-dehydrocorticosterone (11-DHC) or Cortisone, respectively<sup>[1]</sup>.

### REFERENCES

[1]. Bo Qu, et al. Large-Scale Enantioselective Reduction of 2,3-Disubstituted Indenopyridine Enables a Practical Manufacturing Process for an 11 $\beta$ -HSD-1 Inhibitor. *Org. Process Res. Dev.* 2022, 26(3):963–975.

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

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