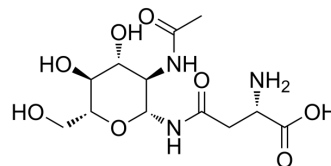


## H-Asn(glcnac-beta-D)-OH

Cat. No.:	HY-N9446
CAS No.:	2776-93-4
Molecular Formula:	C <sub>12</sub> H <sub>21</sub> N <sub>3</sub> O <sub>8</sub>
Molecular Weight:	335.31
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	H-Asn(glcnac-beta-D)-OH is an endogenous metabolite present in Urine that can be used for the research of NGLY1-CDDG <sup>[1]</sup> [2].
<b>In Vitro</b>	Endogenous metabolites is defined as those that are annotated by Kyoto Encyclopedia of Genes and Genomes as substrates or products of the ~1900 metabolic enzymes encoded in our genome. It is clear in the body of literature that there are documented toxic properties for many of these metabolites <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Haijes HA, et al. Aspartylglycosamine is a biomarker for NGLY1-CDDG, a congenital disorder of deglycosylation. *Mol Genet Metab.* 2019 Aug;127(4):368-372.
- [2]. Lee N, et al. Endogenous toxic metabolites and implications in cancer therapy. *Oncogene.* 2020 Aug;39(35):5709-5720.

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

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