

Product Datasheet

ASN90

Catalog No. **BP-02367** · CAS **1884154-02-2** · Form **free base** · Physical state **solid** · Color **Light yellow to light brown** ·
Version **1.0** · Revision **2026-09-14**

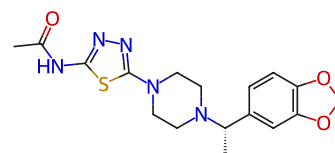
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Target OGA; Tau Protein	Research area Neurological Disease
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Molecular formula **C₁₇H₂₁N₅O₃S**

Molecular weight **375.4450**

STRUCTURE



DESCRIPTION

ASN90 is a potent, selective, substrate-competitive O-GlcNAcase (OGA) inhibitor with IC₅₀ of 10.2 nM.

BIOLOGICAL ACTIVITY

ASN90 is a specific and orally active O-GlcNAcase (OGA) enzyme inhibitor with IC₅₀ value of 10.2 nM.

SOLUBILITY

Soluble in DMSO

In vitro DMSO : 100 mg/mL

REFERENCES

[1]. Permanne, Bruno et al. "O-GlcNAcase Inhibitor ASN90 is a Multimodal Drug Candidate for Tau and α-Synuclein Proteinopathies." ACS chemical neuroscience vol. 13,8 (2022): 1296-1314.

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