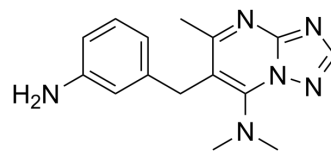


## Enpp-1-IN-2

Cat. No.:	HY-139362
CAS No.:	2378640-92-5
Molecular Formula:	C <sub>15</sub> H <sub>18</sub> N <sub>6</sub>
Molecular Weight:	282.34
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Enpp-1-IN-2 (Compound C) is a potent ENPP1 (ectonucleotide pyrophosphatase/phosphodiesterase 1) inhibitor with IC <sub>50</sub> values of 0.26, 0.48 and 2.0 μM evaluated by means of TG-mAMP, pNP-TMP, and ATP assays, respectively. TG (Tokyo Green)-mAMP: a newly synthesized sensitive ENPP1 fluorescence probe <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.26 μM (TG-mAMP assay), 0.48 μM (pNP-TMP assay), 2.0 μM (ATP assay) <sup>[1]</sup>

### REFERENCES

[1]. Kawaguchi M, et al. Development of an ENPP1 Fluorescence Probe for Inhibitor Screening, Cellular Imaging, and Prognostic Assessment of Malignant Breast Cancer. J Med Chem. 2019 Oct 24;62(20):9254-9269.

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

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