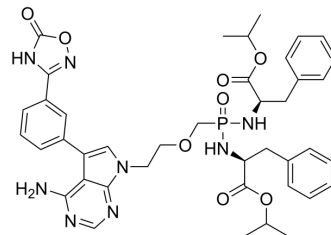


## mAC2-IN-1

Cat. No.:	HY-157150
Molecular Formula:	C <sub>41</sub> H <sub>47</sub> N <sub>8</sub> O <sub>8</sub> P
Molecular Weight:	810.83
Target:	Adenylate Cyclase
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

mAC2-IN-1 (compound 14) is a potent and selective human adenylate cyclases (mACs) inhibitor with an IC<sub>50</sub> of 4.45 μM. mAC2-IN-1 has low activity on mAC1 and mAC5<sup>[1]</sup>.

## REFERENCES

[1]. Pavel Kraina, et al. Discovery of a potent and selective human AC2 inhibitor based on 7-deazapurine analogues of adefovir. *Bioorg Med Chem.* 2023 Nov 15:95:117508.

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

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