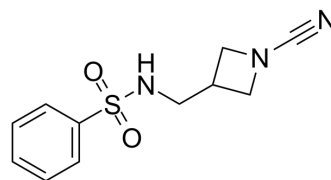


NAAA-IN-2

Cat. No.:	HY-147774		
CAS No.:	325775-42-6		
Molecular Formula:	C ₁₁ H ₁₃ N ₃ O ₂ S		
Molecular Weight:	251.3		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

NAAA-IN-2 (Compound 9) is a potent and selective inhibitor of NAAA with an IC₅₀ of 50 nM. NAAA is a cysteine amidase which preferentially hydrolyzes the endogenous biolipids palmitoylethanolamide (PEA) and oleoylethanolamide (OEA). NAAA-IN-2 has the potential for the research of inflammation and pain^[1].

REFERENCES

[1]. Malamas MS, et al. Design and synthesis of cyanamides as potent and selective N-acylethanolamine acid amidase inhibitors. *Bioorg Med Chem*. 2020 Jan 1;28(1):115195.

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

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