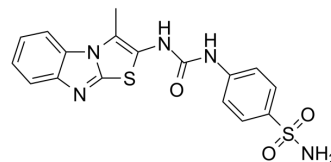


Carbonic anhydrase inhibitor 13

Cat. No.:	HY-146010
CAS No.:	2488872-31-5
Molecular Formula:	C ₁₇ H ₁₅ N ₅ O ₃ S ₂
Molecular Weight:	401.46
Target:	Carbonic Anhydrase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Carbonic anhydrase inhibitor 13 (compound 7) is a potent carbonic anhydrase (CA) inhibitor, which features 3-methylthiazolo[3,2-a]benzimidazole moiety (as a tail) connected to the zinc anchoring benzenesulfonamide moiety via ureido linker^[1].

REFERENCES

[1]. Alkhalidi AAM, et al. 3-Methylthiazolo[3,2-a]benzimidazole-benzenesulfonamide conjugates as novel carbonic anhydrase inhibitors endowed with anticancer activity: Design, synthesis, biological and molecular modeling studies. *Eur J Med Chem.* 2020 Dec 1;207:112745.

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

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