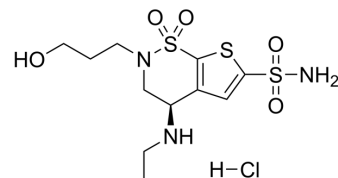


O-Desmethyl Brinzolamide hydrochloride

Cat. No.:	HY-W424792A
CAS No.:	2967475-56-3
Molecular Formula:	C ₁₁ H ₂₀ ClN ₃ O ₅ S ₃
Molecular Weight:	405.94
Target:	Carbonic Anhydrase; Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

O-Desmethyl Brinzolamide hydrochloride (compound 6a), an active metabolite of Brinzolamide, is a carbonic anhydrase (CA) inhibitor with a K_d of 0.136 nM for CA II and an IC_{50} of 165 nM for CA IV^[1].

REFERENCES

[1]. Qinhuang Huang, et al. Design, synthesis, and evaluation of NO-donor containing carbonic anhydrase inhibitors to lower intraocular pressure. J Med Chem. 2015 Mar 26;58(6):2821-33.

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

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