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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Carbonic anhydrase (isoenzyme)

Cat. No.:	HY-P1775A		
CAS No.:	9001-03-0		
Molecular Weight:	110000		
Target:	Carbonic Anhydrase		Carbonic anhydrase (isoenzyme)
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

BIOLOGICAL ACTIVITY

Description

Carbonic anhydrase isoenzyme is the isoenzyme of Carbonic anhydrase (HY-P1775). Carbonic anhydrase isoenzyme is ubiquitous zinc-containing metalloenzyme present in prokaryotes and eukaryotes. Carbonic anhydrase isoenzyme catalyzes reversible conversion of carbon dioxide to bicarbonate and protons, and can be used for the research of cancer, glaucoma, obesity and epilepsy^{[1][2]}.

REFERENCES

- [1]. Kanchan Aggarwal, et al. In Situ Photoregulation of Carbonic Anhydrase Activity Using Azobenzenesulfonamides. Biochemistry. 2019 Jan 8;58(1):48-53.
- [2]. Vladimir Amirkhanov, et al. Pharmacophores Modeling in Terms of Prediction of Theoretical Physicochemical Properties and Verification by EXPERIMENTAL correlations of Carbacylamidophosphates (CAPH) and Sulfanylamidophosphates (SAPH) Tested as New Carbonic Anhydrase Inhibitors. Mini Rev Med Chem. 2019;19(12):1015-1027.

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

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