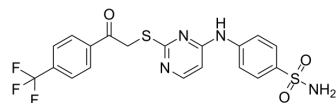


Carbonic anhydrase inhibitor 11

Cat. No.:	HY-115998
CAS No.:	2411059-71-5
Molecular Formula:	C ₁₉ H ₁₅ F ₃ N ₄ O ₃ S ₂
Molecular Weight:	468.47
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 11 (compound VI) is a potent, selective carbonic anhydrase inhibitor. Carbonic anhydrase inhibitor 11 shows K_i values of 40, 39, 200 and 900 nM against CA II, IX, and XII, respectively^[1].

REFERENCES

[1]. Abdel-Mohsen HT, et al. Application of the dual-tail approach for the design and synthesis of novel Thiopyrimidine-Benzenesulfonamide hybrids as selective carbonic anhydrase inhibitors. *Eur J Med Chem.* 2022;228:114004.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA