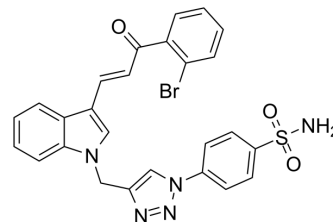


hCAXII-IN-3

| | |
|--------------------|---|
| Cat. No.: | HY-147984 |
| CAS No.: | 2417232-24-5 |
| Molecular Formula: | C ₂₆ H ₂₀ BrN ₅ O ₃ S |
| Molecular Weight: | 562.44 |
| Target: | Carbonic Anhydrase |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | hCAXII-IN-3 (Compound 6o) is a selective human carbonic anhydrase XII (hCAXII) inhibitor with a K _i of 10.0 nM ^[1] . |
| IC ₅₀ & Target | K _i : 10.0 nM (hCAXII), 757.8 nM (hCAIX), 829.8 nM (hCA I), 9688 nM (hCA II) ^[1] |

REFERENCES

[1]. Singh P, et al. Synthesis and carbonic anhydrase inhibition studies of sulfonamide based indole-1,2,3-triazole chalcone hybrids. Bioorg Chem. 2020 Jun;99:103839.

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