

Product Name	: Compound CDy9
Synonyms	: —
Cat No.	: M35975
CAS Number	: 952306-80-8
Molecular Formula	: C ₁₅ H ₁₆ N ₂ O ₅ S
Formula Weight	: 336.36
Chemical Name	: —
Description	: hCAII-IN-8, an amide, is a highly selective carbonic anhydrase (CA) inhibitor with an IC ₅₀ value of 0.18 μM against hCA II.
Pathway	: Membrane Transporter/Ion Channel
Target	: Carbonic Anhydrase
Receptor	: Carbonic Anhydrase
Solubility	: In Vitro: ?DMSO : 125 mg/mL (371.63 mM; Ultrasonic)
SMILES	: <chem>C(NC1=CC(S(N)(=O)=O)=CC=C1)(=O)C2=CC(OC)=C(OC)C=C2</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Zahid Hussain, et al. Synthesis and Evaluation of Amide and Thiourea Derivatives as Carbonic Anhydrase (CA) Inhibitors. ACS Omega. 2022 Dec 6;7(50):47251-47264. ?