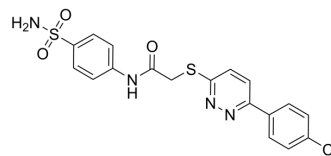


Carbonic anhydrase inhibitor 17

| | |
|--------------------|---|
| Cat. No.: | HY-161174 |
| Molecular Formula: | C ₁₈ H ₁₅ ClN ₄ O ₃ S ₂ |
| Molecular Weight: | 434.92 |
| 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 17 (compound 7c), pyridazine-tethered sulfonamide, is a carbonic anhydrase II inhibitor with IC ₅₀ of 0.63 nM ^[1] . |
| IC ₅₀ & Target | IC ₅₀ : 0.63 nM (carbonic anhydrase II) ^[1] . |

REFERENCES

[1]. Tawfik HO, et al. Discovery of Novel Pyridazine-Tethered Sulfonamides as Carbonic Anhydrase II Inhibitors for the Management of Glaucoma. J Med Chem. 2024 Jan 25;67(2):1611-1623.

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

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