

## O-desmethyl Brinzolamide (hydrochloride)

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	O-desmethyl Brinzolamide is an active metabolite of the carbonic anhydrase (CA) inhibitor brinzolamide .1,2It inhibits CAII and CAIV (IC50s = 0.136 and 165 nM, respectively).1
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Reference

Huang, Q., Rui, E.Y., Cobbs, M., et al.Design, synthesis, and evaluation of NO-donor containing carbonic anhydrase inhibitors to lower intraocular pressureJ. Med. Chem.58(6)2821-2833(2015)

Lo Faro, A.F., Tini, A., Gottardi, M., et al.Development and validation of a fast ultra-high-performance liquid chromatography tandem mass spectrometry method for determining carbonic anhydrase inhibitors and their metabolites in urine and hairDrug Test Anal.13(8)1552-1560(2021)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481