

## O-desmethyl Brinzolamide (hydrochloride) Biochemical

O-desmethyl Brinzolamide (hydrochloride)

CATALOG #  
**AAA227293**

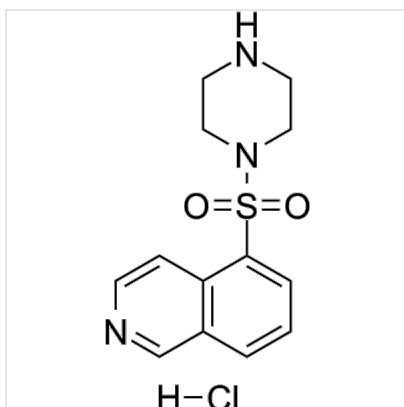
### PRODUCT SYNONYMS

O-desmethyl Brinzolamide (hydrochloride); O-desmethyl Brinzolamide (hydrochloride) biochemical

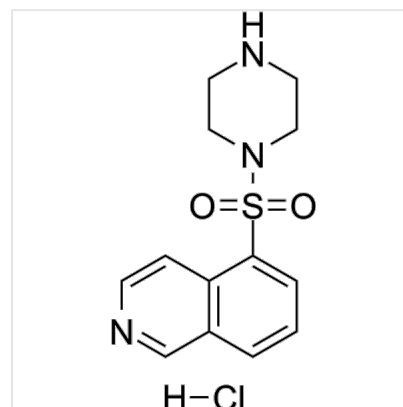
### PRODUCT SPECIFICATIONS

|                         |                                                                              |
|-------------------------|------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                          |
| Solubility              | DMSO: Soluble<br><1mg/ml refers to the product slightly soluble or insoluble |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years     |

### IMAGES



Structure  
HA-100 hydrochloride, CAS 141543-63-7



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### ADDITIONAL INFORMATION

|                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for O-desmethyl Brinzolamide (hydrochloride) biochemical | O-desmethyl Brinzolamide is an active metabolite of the carbonic anhydrase (CA) inhibitor brinzolamide. <sup>1,2</sup> It inhibits CAII and CAIV (IC50s = 0.136 and 165 nM, respectively). <sup>1</sup>                                                                                                                                                                         |
| References                                                                           | <ol style="list-style-type: none"> <li>Hagiwara M, et, al. Selective modulation of calcium-dependent myosin phosphorylation by novel protein kinase inhibitors, isoquinolinesulfonamide derivatives. Mol Pharmacol. 1987 Jul;32(1):7-12.</li> <li>Yu J, et, al. Efficient feeder-free episomal reprogramming with small molecules. PLoS One. 2011 Mar 1;6(3):e17557.</li> </ol> |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.