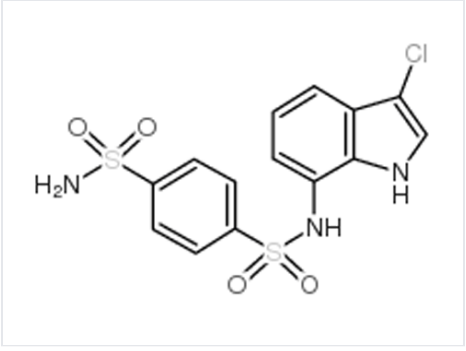
# Indisulam Inhibitor

## PRODUCT OVERVIEW

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|---|---|
| **Product Name** | Indisulam, Inhibitor |
| **Full Product Name** | Indisulam |
| **Product Synonym Names** | Carbonic Anhydrase; CDK |
| **Form/Format** | POWDER |
| **Purity/Purification** | 98.7% |
| **Preparation and Storage** | Powder: 3 years -20 degree C<br>In Solvent: 2 years -80 degree C |
| **Molecular Weight** | 385.85 |
| **CAS Number** | 165668-41-7 |
| **Formula** | C14H12ClN3O4S2 |
| **Smiles** | C1=CC2=C(C(=C1)NS(=O)(=O)C3=CC=C(C=C3)S(=O)(=O)N)NC=C2Cl |
| **Solubility** | DMSO: 20 mg/mL, Clear |
| **Pathways** | Metabolism; Cell Cycle; Checkpoint |
| **Receptor** | carbonic anhydrase; CDK |
| **Product Remark** | For obtaining a higher solubility, please warm the tube at 37 degree C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 degree C for several month. |
| **Related Product Information for Indisulam, inhibitor** | Indisulam is a carbonic anhydrase inibitor and Antitumor CDK inhibitor. Indisulam targets the G1 phase of the cell cycle by depleting cyclin E. inducing p53 and p21, and inhibiting CDK2, causing a blockade in the G1/S transition. |
| **Product References and Citations for Indisulam, inhibitor** | 1. Ozawa Y.et al.E7070, a novel sulphonamide agent with potent antitumour activity in vitro and in vivo.Eur J Cancer. 2001 Nov; 37(17):2275-82. |
| **Other Notes** | Small volumes of Indisulam, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for Indisulam purchase** | MBS5750460 is an inhibitor targeting Indisulam. |




**Chemical Structure of Indisulam, inhibitor**

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures.

**MyBioSource** | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/inhibitor/indisulam/5750460