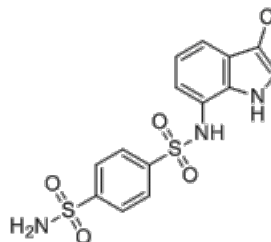


Product Name	: Indisulam
Synonyms	: E 7070;E7070
Cat No.	: M12528
CAS Number	: 165668-41-7
Molecular Formula	: C ₁₄ H ₁₂ ClN ₃ O ₄ S ₂
Formula Weight	: 385.85
Chemical Name	: N-(3-chloro-7-indolyl)-1,4-benzenedisulfonamide
Description	: Indisulam (E7070) is potent, sulfonamide, cell-cycle inhibitor that possesses antiproliferative activities, causes decrease in the S phase fraction along with G1 and/or G2 accumulation in various cancer cell lines; causes blockade in the G1/S transition through inhibition of the activation of both cyclin-dependent kinase 2 and cyclin E, shows activity in multiple tumor types, most prominently in colon and lung cancer. Breast Cancer Phase 2 Discontinued
Pathway	: Angiogenesis
Target	: CDK
Receptor	: carbonicanhydrase;CDK
Solubility	: DMSO: 20mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
SMILES	: <chem>O=S(C1=CC=C(S(=O)(N)=O)C=C1)(NC2=CC=CC3=C2NC=C3Cl)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. van Kesteren C, et al. Br J Clin Pharmacol. 2002 Nov;54(5):463-71. | 2. Owa T, et al. J Med Chem. 2002 Oct 24;45(22):4913-22. | 3. Ozawa Y, et al. Eur J Cancer. 2001 Nov;37(17):2275-82. | 4. Tsukahara K, et al. Mol Pharmacol. 2001 Dec;60(6):1254-9.