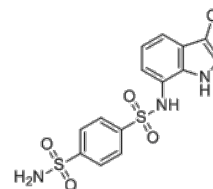


Product Name : Indisulam
Cat. No. : PC-62314
CAS No. : 165668-41-7
Molecular Formula : C₁₄H₁₂ClN₃O₄S₂
Molecular Weight : 385.85
Target : Carbonic Anhydrase
Solubility : 10 mM in DMSO



Biological Activity

Indisulam (E7070) is potent, sulfonamide, **carbonic anhydrase** inhibitor that possesses antiproliferative activities, causes decrease in the S phase fraction along with G1 and/or G2 accumulation in various cancer cell lines.

Indisulam (E7070) targets splicing by inducing RBM39 degradation via recruitment to DCAF15

Indisulam causes blockade in the G1/S transition through inhibition of the activation of both **CDK2** and cyclin E, shows activity in multiple tumor types, most prominently in colon and lung cancer.

References

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Tsukahara K, et al. *Mol Pharmacol*. 2001 Dec;60(6):1254-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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