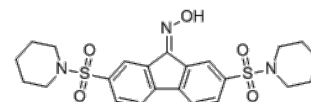


Product Name : CIL-56
Cat. No. : PC-60375
CAS No. : 300802-28-2
Molecular Formula : C₂₃H₂₇N₃O₅S₂
Molecular Weight : 489.6
Target : YAP-TEAD
Solubility : 10 mM in DMSO



2. Song S, et al. *Mol Cancer Ther.* 2018 Feb;17(2):443-454.
3. Shimada K, et al. *Nat Chem Biol.* 2016 Jul;12(7):497-5

Biological Activity

YAP1 inhibitor CA3 (CA3, CIL56) is a small molecule that has remarkable inhibitory activity on **YAP1**/Tead transcriptional activity

YAP1 inhibitor CA3 (CIL56) also demonstrates strong inhibitory effects on esophageal adenocarcinoma cell growth especially on YAP1 high-expressing esophageal adenocarcinoma cells both in vitro and in vivo.

YAP1 inhibitor CA3 (CIL56) can effectively suppress radiation-resistant cancer stem cell (CSC) properties and aggressive phenotype by inhibiting proliferation, inducing apoptosis, reducing tumor sphere formation; synergistically inhibits cancer cell growth combined with 5-FU.

YAP1 inhibitor CA3 (CIL56) triggers nonapoptotic cell death, a potent and selective probe of **ferroptosis**.

YAP1 inhibitor CA3 (CIL56) stimulates the activity of ACC1, inhibits the normal breakdown of fatty acids by mitochondrial β -oxidation.

References

Dixon SJ, et al. *ACS Chem Biol.* 2015 Jul 17;10(7):1604-9.

