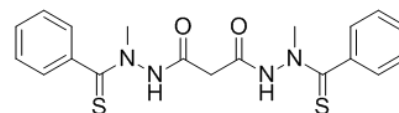


Product Name : Elesclomol
Cat. No. : PC-42855
CAS No. : 488832-69-5
Molecular Formula : C₁₉H₂₀N₄O₂S₂
Molecular Weight : 400.5177
Target : Apoptosis Inducer
Solubility : DMSO: ≥ 22 mg/mL



Biological Activity

Elesclomol (STA-4783) is a small-molecule oxidative stress inducer, exerts selective cytotoxicity by increasing intracellular concentrations of reactive oxygen species (ROS) and induces cell death via mitochondrial apoptosis in cancer cells; selectively kills cisplatin-resistant tumor cells through increased ROS, markedly enhances the therapeutic index of paclitaxel against human tumor xenograft models.

Ovarian Cancer
Phase 2 Clinical

References

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Kirshner JR, et al. Mol Cancer Ther. 2008 Aug;7(8):2319-27.

Wangpaichitr M, et al. Cancers (Basel). 2009;1(1):23-38.

Kluza J, et al. Cancer Res. 2012 Oct 1;72(19):5035-47.

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

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