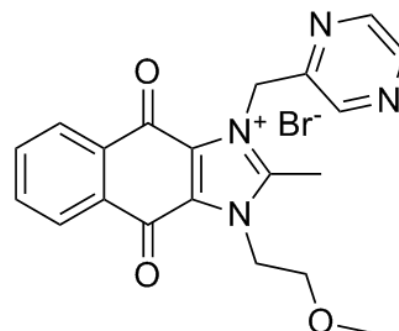


Product Name : YM-155
Cat. No. : PC-42439
CAS No. : 781661-94-7
Molecular Formula : C₂₀H₁₉BrN₄O₃
Molecular Weight : 443.2939
Target : IAP
Solubility : DMSO: 10.66 mg/mL
4. Iwasa T, et al. Br J Cancer. 2010 Jun 29;103(1):36-42.



Biological Activity

A potent, specific survivin inhibitor that inhibits survivin promoter activity with IC₅₀ of 0.54 nM; does not significantly inhibit SV40 promoter activity (>30 μM); suppresses expression of survivin and induces apoptosis in PC-3 and PPC-1 human HRPC cell lines at 10 nM, without effect on IAP- or Bcl-2-related proteins; induces massive tumor regression in PC-3 tumor mice model (3-10 mg/kg).

Blood Cancer

Phase 1 Discontinued

References

Nakahara T, et al. Cancer Res. 2007 Sep 1;67(17):8014-21.

Iwasa T, et al. Clin Cancer Res. 2008 Oct 15;14(20):6496-504.

Satoh T, et al. Clin Cancer Res. 2009 Jun 1;15(11):3872-80.

