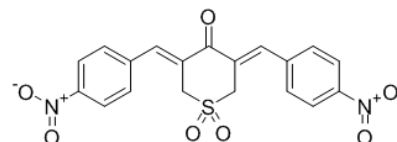


Product Name : Ubiquitin Isopeptidase-IN-G5
Cat. No. : PC-42241
CAS No. : 108477-18-5
Molecular Formula : C₁₉H₁₄N₂O₇S
Molecular Weight : 414.3887
Target : Deubiquitinase (DUB)
Solubility : DMSO: ≥ 31 mg/mL



Biological Activity

Ubiquitin Isopeptidase-IN-G5 (NSC 144303) is a small molecule inhibitor of ubiquitin-proteasome system by inhibiting the **ubiquitin isopeptidases**.

Ubiquitin Isopeptidase-IN-G5 (NSC 144303) induce a unique apoptotic pathway, which includes a Bcl-2-dependent but apoptosome-independent mitochondrial pathway with up-regulation of the BH3-only protein Noxa, stabilization of the IAP antagonist Smac, but also the involvement of the death receptor pathway.

References

Aleo E, et al. *Cancer Res.* 2006 Sep 15;66(18):9235-44.

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

E-mail: tech@probechem.com