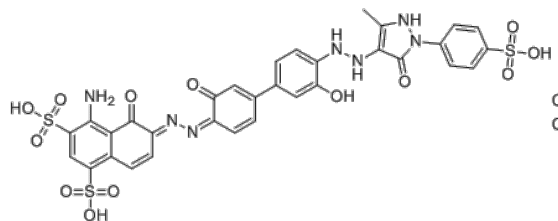


Product Name : NSC 306711
Cat. No. : PC-61207
CAS No. : 813419-93-1
Molecular Formula : C₃₂H₂₅Cu₂N₇O₁₃S₃
Molecular Weight : 938.86
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

NSC 306711 (Ferristatin, NSC306711) is a small-molecule **iron transport inhibitor** that promotes degradation of the transferrin receptor independent of clathrin and dynamin, is sensitive to the cholesterol-depleting agents filipin and nystatin.

References

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Lane DJ, et al. *Biochem J.* 2010 Nov 15;432(1):123-32.

Byrne SL, et al. *PLoS One.* 2013 Jul 23;8(7):e70199.

Alkhateeb AA, et al. *Am J Physiol Gastrointest Liver Physiol.* 2015 Jun 15;308(12):G1019-26.

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

E-mail: tech@probechem.com