Product Data Sheet

Product Name: iHSP110-33
Cat. No.: GC73962

Chemical Properties

Cas. No.

Formula	$C_{36}H_{34}N_2O_5$	M.Wt	574.67
Solubility	DMSO : 16.67 mg/mL (29.01 mM; Need ultrasonic)	Storage	-20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Caution: Product has not been fully validated for medical applications. For research use only.
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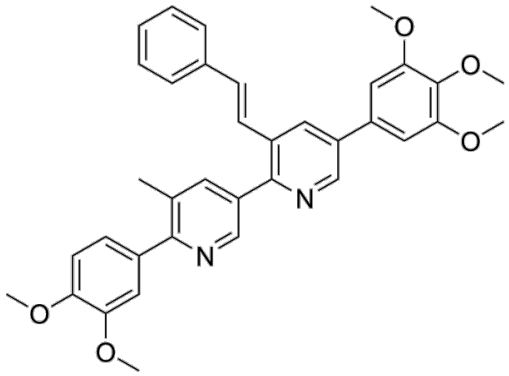
Structure



Background

iHSP110-33 is an inhibitor for heat shock protein 110 (HSP110). iHSP110-33 exhibits antitumor efficacy agaisnt large B-cell lymphoma and classical Hodgkin lymphoma. iHSP110-33 shows a synergistic effect with Selinexor , inhibits the STAT6 phosphorylation, and enhances its antitumor activity..

References:

[1]. Durand M, et al., A first-in-class inhibitor of HSP110 to potentiate XPO1-targeted therapy in primary mediastinal B-cell lymphoma and classical Hodgkin lymphoma. J Exp Clin Cancer Res. 2024 May 22;43(1):148.