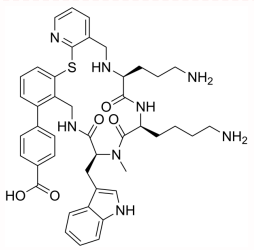
Zosurabalpin

Cat. No.: **SN-M-LE429**

Chemical Properties

Product Name	Zosurabalpin
Full Name	4-[(11S,14S,17S)-14-(4-aminobutyl)-11-(3-aminopropyl)-17-(1H-indol-3-ylmethyl)-16-methyl-12,15,18-trioxo-2-thia-4,10,13,16,19-pentazatricyclo[19.4.0.03,8]pentacosa-1(25),3(8),4,6,21,23-hexaen-22-yl]benzoic acid
Cat. No.	SN-M-LE429
CAS No.	2379336-76-0
Molecular Formula	C43H50N8O5S
Molecular Weight	790.97
Appearance	固体
Storage	Powder -20°C 3 years
Shipping	Room temperature in continental US; may vary elsewhere.
Solubility	细胞实验： | DMSO 中的溶解度 : 4.17 mg/mL (5.27 mM; 超声助溶; 吸湿的 DMSO 对产品的溶解度有显著影响，请使用新开封的 DMSO)
Purity	98+%

Structure



Biological Description

Zosurabalpin (Abx MCP; RG6006) 是一种靶向 LptB$_2$FGC 复合物的脂多糖 (LPS) 转运抑制剂。Zosurabalpin 可阻断 LPS 从内膜向外膜的转运，导致胞内 LPS 毒性蓄积及细菌死亡。Zosurabalpin 对耐碳青霉烯的鲍曼不动杆菌 (CRAB) 具有强效抗菌活性，并在小鼠感染模型中显示出体内效果。Zosurabalpin 可用于 CRAB 感染 (包括肺炎和脓毒症) 的研究。

Related Products / Keywords

- Zosurabalpin2379336-76-0Abx MCPRG6006RG6006RG 6006RG-6006BacterialLiposomeLPSAcinetobacter LptB2FGC complexATPase activitycarbapenem-resistant strainsmouse modelspneumoniaAcinetobacter baumanniiAcinetobacter baylyiAcinetobacter speciessepsisInhibitorinhibitorinhibit

This product is a research reagent and must not be used for clinical validation or human therapeutic use.