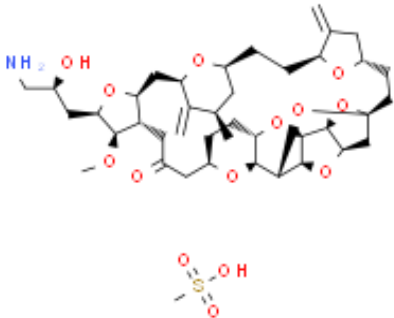


## Product Data Sheet

Cas No.:	441045-17-6	Cat. No.:	PL07226
Product Name:	Eribulin mesylate		
Product synonym:	甲磺酸艾瑞布林;甲磺酸艾日布林;艾瑞布林;Eribulin (mesylate)		
Chemical name:	Eribulin mesylate		
MF:	C40H59NO11.CH4O3S	FW:	826.002220000001
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	C=C1C[C@@](CC[C@@]2(C[C@@]3([H])O4O[C@]([C@](O[C@](C5)([H])CC6([H])[C@@]6([H])O7([H])[C@@]4([H])[C@]7([H])[C@@]3([H])O2)([H])O[C@@]1([H])CC[C@](C[C@@H](C)C8=C([H])O[C@]8([H])C[C@@](O[C@H](C[C@H](O)CN)[C@@H]9OC)([H])[C@]9([H])CC5=O.CS(=O)(O)=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

## Product Description

Eribulin mesylate (E7389 mesylate) 是靶向微管 (microtubule) 的抗癌剂，其用于研究转移性乳腺癌。Eribulin mesylate 通过结合微管蛋白和微管来抑制癌细胞的增殖。

生物活性	Eribulin mesylate (E7389 mesylate) is a microtubule targeting agent that is used for the research of metastatic breast cancer. Eribulin mesylate inhibits the proliferation of cancer cells by binding microtubule proteins and microtubules.
体外研究(In Vitro)	<p>Eribulin (1-100 nM; 72 h) inhibits cells proliferation, with IC50s of 22.8 and 21.5 nM for LM8 and Dunn cells, respectively.</p> <p>Eribulin (10-50 nM; 12-72 h) increases early apoptosis significantly after 24 h treatment at the dose of 50 nM in LM8 cells.</p> <p>Eribulin (10-50 nM; 12-72 h) induces G2/M arrest by 12 h treatment with at the dose of 50 nM, but not by long-term treatment (72 h) with 10 nM in LM8 cells.</p> <p>Eribulin (1-50 nM; 12 h) does not induce senescence in LM8 cells.</p> <p>Eribulin (1-10 nM; 16 h) induces morphological change and suppresses cell migration in a low concentration in LM8 cells. has not independently confirmed the accuracy of these methods. They are for reference only.</p>

体内研究(In Vivo)	Eribulin (1 mg/kg; i.v. once a week for 2 weeks) reduces primary tumor growth and lung metastasis of osteosarcoma in mice. Eribulin (1 mg/kg; once i.v.) suppresses circulating tumor cells (CTC) appearance in the low-concentration phase. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	-80°C, protect from light, stored under nitrogen
溶解度数据	In Vitro: DMSO : ≥ 100 mg/mL (121.07 mM)Ethanol : ≥ 100 mg/mL (121.07 mM)