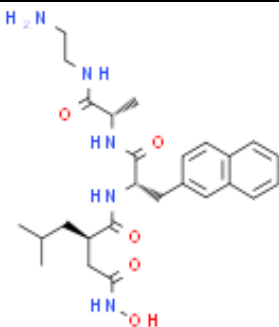


Product Data Sheet

Cas No.:	163847-77-6	Cat. No:	PL07433
Product Name:	TAPI-1		
Product synonym:	TAPI 1;TAPI1		
Chemical name:	TAPI-1		
MF:	C26H37N5O5	FW:	499.602486371994
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	O=C(N[C@@H](C)C(NCCN)=O)[C@@H](NC([C@H](CC(C)C)CC(NO)=O)=O)CC1=CC2=CC=CC=C2C=C1		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

TAPI-1 是一种 TACE (ADAM17) 抑制剂，可阻止多种细胞表面蛋白脱落。TAPI-1 也是金属蛋白酶 (MMP) 抑制剂。

生物活性	TAPI-1 is a TACE (ADAM17) inhibitor and blocks the shedding of several cell surface proteins. TAPI-1 is also a metalloproteinase (MMP) inhibitor.
IC50 & Target[1][2]	TACE (ADAM17), MMP
体外研究(In Vitro)	TAPI-1 (1 μM for 30 min) increases cell viability in LPS-treated HK-2 cells. TAPI-1 attenuates oxidative stress and inflammatory cytokines LPS treatment significantly induces renal IL-6 and TNFα mRNA expression, while these changes is attenuated with TAPI-1 pretreatment in LPS-treated HK-2 cells. has not independently confirmed the accuracy of these methods. They are for reference only.Cell Viability Assay
包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: DMSO : ≥ 31 mg/mL (62.05 mM)配制储备液