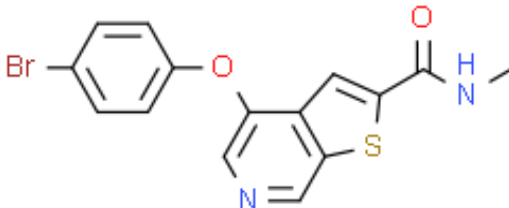


Product Data Sheet

Cas No.:	251994-14-6	Cat. No:	PL14851
Product Name:	ICAM-1-IN-1		
Product synonym:	-		
Chemical name:	ICAM-1-IN-1		
MF:	C15H11BRN2O2S	FW:	363.2290
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	BrC1C([H])=C([H])C(=C([H])C=1[H])OC1=C([H])N=C([H])C2=C1C([H])=C(C(N([H])C([H])([H])=O)S2		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

ICAM-1-IN-1 是有效，选择性的 E-selectin 和 ICAM-1 抑制剂，IC₅₀值分别为7和5 nM。

生物活性	ICAM-1-IN-1 is a potent and selective inhibitor of E-selectin and ICAM-1 with IC 50 values of 7 and 5 nM, respectively.
IC50 & Target[1][2]	IC50: 7 nM (E-selectin), 5 nM (ICAM-1)
体内研究(In Vivo)	ICAM-1-IN-1 shows significant efficacy in a rat rheumatoid arthritis model and in a mouse asthma model. ICAM-1-IN-1 reduces the width of inflamed ankles after the ninth day following treatment, but shows no efficacy in the acute phase. Treatment with ICAM-1-IN-1 (25 mg/kg) for 21 days significantly reduces the ankle inflammation of the arthritis rats. Significant reduction of eosinophils and serum-soluble ICAM-1 (sICAM-1) is observed. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: DMSO : ≥ 135 mg/mL (371.67 mM)配制储备液