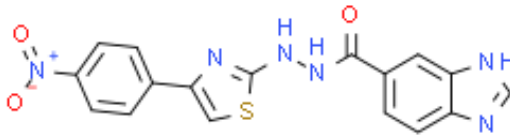


Product Data Sheet

Cas No.:	946857-84-7	Cat. No:	PL11569
Product Name:	BSc3094		
Product synonym:	N'-(4-(4-nitrophenyl)thiazol-2-yl)-1H-benzo[d]imidazole-6-carbohydrazide		
Chemical name:	BSc3094		
MF:	C17H12N6O3S	FW:	380.3805809021
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	C1NC2=CC(C(NNC3=NC(C4=CC=C([N+](O-)=O)C=C4)=CS3)=O)=CC=C2N=1		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

BSc3094 是一种 Tau aggregation 抑制剂。BSc3094 可用于阿尔茨海默病 (AD) 的研究。

生物活性	BSc3094 is a Tau aggregation inhibitor. BSc3094 can be used for the research of Alzheimers disease (AD).
IC50 & Target[1][2]	Tau aggregation
体内研究(In Vivo)	<p>BSc3094 (3 mg/kg; i.v.) direct intraventricular administration reduces sarkosyl-insoluble Tau.</p> <p>BSc3094 (0.075~1.5 mM; intraventricular administration) reduces the levels of sarkosyl-insoluble Tau in cortical extracts by ≈70%.</p> <p>BSc3094 reverses the pre-synaptic impairment in organotypic hippocampal slices from pro-aggregant mice, by reversing the pairedpulse depression observed in non-treated pro-aggregant Tau slices after applying a paired-pulse stimulus of the Schaffer collaterals. BSc3094 reverses the increase in Tau phosphorylation levels in rTg4510 mice down to control level. BSc3094 partially reversed the memory deficits in rTg4510 mice. has not independently confirmed the accuracy of these methods. They are for reference only.</p>
包装储存	4°C, protect from light In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

溶解度数据	In Vitro: DMSO : 33.33 mg/mL (87.62 mM; Need ultrasonic)配制储备液
-------	---