# Data Sheet (Cat.No.T34773)



### **TAK-044**

## **Chemical Properties**

CAS No.: 157380-72-8

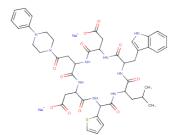
Formula: C45H53N9NaO11S

Molecular Weight: 951.02

Appearance: no data available

Storage: keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



# **Biological Description**

Description	TAK-044 is an endotheliin receptor antagonist that prevents and reverses the		
(0)	development of carbon tetrachloride induced cirrhosis in rats. TAK-044 showed a		
	protective effect on neuronal activity in vitro hypoxic glucose deprivation model of		
	stroke.		

## **Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	1.0515 mL	5.2575 mL	10.515 mL
5 mM	0.2103 mL	1.0515 mL	2.103 mL
10 mM	0.1052 mL	0.5258 mL	1.0515 mL
50 mM	0.021 mL	0.1052 mL	0.2103 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

### Reference

Briyal S, Gulati A, Gupta YK. Effect of combination of endothelin receptor antagonist (TAK-044) and aspirin in middle cerebral artery occlusion model of acute ischemic stroke in rats. Methods Find Exp Clin Pharmacol. 2007

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