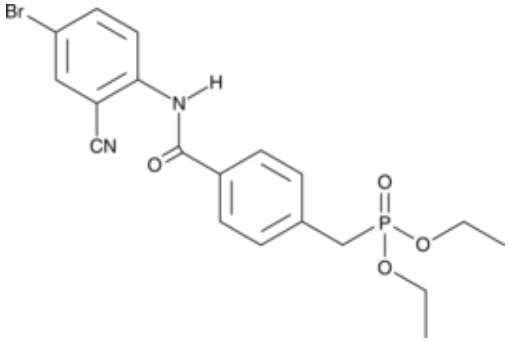
Product Data Sheet

Product Name: NO-1886
Cat. No.: GC44432

Chemical Properties

Cas. No.	133208-93-2		
SMILES	BrC1=CC(C#N)=C(NC(C2=CC=C(CP(OCC)(OCC)=O)C=C2)=O)C=C1		
Formula	C19H20BrN2O4P	M.Wt	451.3
Solubility	DMF: 25 mg/ml,DMF:PBS(pH 7.2) (1:1): 0.5 mg/ml,DMSO: 25 mg/ml,Ethanol: 2 mg/ml	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			

Background

Lipoprotein lipase (LPL) mediates the hydrolysis of triglycerides in circulating very low density lipoproteins and chylomicrons. NO-1886 is an LPL activator that increases LPL mRNA and LPL activity in adipose tissue, myocardium, and skeletal muscle. This coincides with an elevation in post-heparin plasma LPL activity and LPL mass in rats. NO-1886 decreases plasma triglyceride concentration and increases plasma high-density lipoprotein cholesterol, resulting in inhibited development of atherosclerotic lesions in coronary arteries and aortas of rats and rabbits.

Caution: Product has not been fully validated for medical applications. For research use only.
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