

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

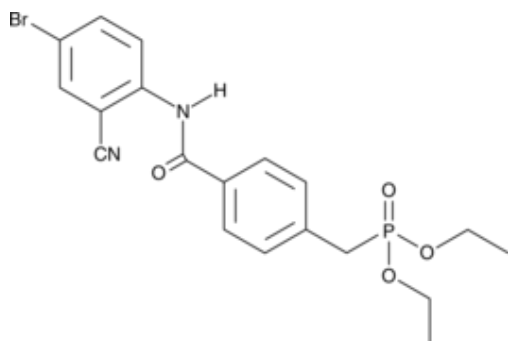
Formula C₁₉H₂₀BrN₂O₄P M.Wt 451.3

Solubility DMF: 25 mg/ml, DMF:PBS(pH 7.2) Storage Store at -20°C
(1:1): 0.5 mg/ml, DMSO: 25 mg/ml, Ethanol: 2 mg/ml

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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA