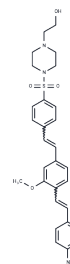


Rizedisben

Chemical Properties

CAS No. :	1311570-07-6
Formula:	C ₂₉ H ₃₃ N ₃ O ₄ S
Molecular Weight:	519.66
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Rizedisben (GE3126) is a fluorophore developed for fluorescence image-guided surgery, significantly reducing non-specific fluorescence in adipose tissue and enhancing nerve visibility [1].
Targets(IC50)	Others
In vivo	Rizedisben (GE3126) administered intravenously (i.v.) at dosages ranging from 1.6 to 46.6 mg/kg as a single dose caused a dose-dependent increase in the fluorescence emission intensity of the sciatic nerves in mice. At doses exceeding 16.6 mg/kg, the enhancement of nerve fluorescence became more moderate. Additionally, as the concentration of GE3126 increased, signal saturation occurred at a slower rate in adipose tissue, with minimal fluorescence observed in the adjacent muscle tissue [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9243 mL	9.6217 mL	19.2434 mL
5 mM	0.3849 mL	1.9243 mL	3.8487 mL
10 mM	0.1924 mL	0.9622 mL	1.9243 mL
50 mM	0.0385 mL	0.1924 mL	0.3849 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481