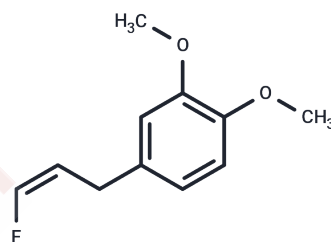


Z-1,2-Dimethoxy-4-(3-fluoro-2-propenyl)benzene

Chemical Properties

CAS No. :	161436-14-2
Formula:	C ₁₁ H ₁₃ FO ₂
Molecular Weight:	196.22
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Z-1,2-Dimethoxy-4-(3-fluoro-2-propenyl)benzene is the fluorine analog of Methyl eugenol (ME), the attractant of the oriental fruit fly <i>B. dorsalis</i> . The E-isomer is twice as active as the Z-isomer Z-1,2-Dimethoxy-4-(3-fluoro-2-propenyl)benzene.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0963 mL	25.4816 mL	50.9632 mL
5 mM	1.0193 mL	5.0963 mL	10.1926 mL
10 mM	0.5096 mL	2.5482 mL	5.0963 mL
50 mM	0.1019 mL	0.5096 mL	1.0193 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.

Reference

Khrimian A, et al. Consumption and metabolism of 1,2-dimethoxy-4-(3-fluoro-2-propenyl)benzene, a fluorine analog of methyl eugenol, in the oriental fruit fly *Bactrocera dorsalis* (Hendel). *J Chem Ecol.* 2006 Jul;32(7):1513-26.

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