

Efmitermant alfa

Chemical Properties

CAS No. : 1644543-31-6
Formula:
Molecular Weight:
Storage: -20°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Efmitermant alfa (ACE-083), a follistatin-based fusion protein with localized action, functions as a muscle-promoting agent and is utilized in the study of muscle disorders [1] [2].
Targets(IC50)	Others
In vitro	ACE-083 (0-60 nM) exhibits high affinity for heparin and the extracellular matrix [1].
In vivo	ACE-083 (muscle injection; 0-100 µg; biweekly for 4 weeks) induced local, dose-dependent hypertrophy in the injected muscles of both wild-type mice and mouse models of Charcot-Marie-Tooth disease (CMT) and Duchenne muscular dystrophy [1]. Moreover, the compound enhanced in situ isometric contraction force in the tibialis anterior muscle of treated wild-type and disease model mice, and increased dorsiflexion torque at the ankle joint in CMT mice [1].

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