Cyclotraxin B TFA

Cat. No.: HY-P1178A
Molecular Formula: C₅₀H₇₄F₃N₁₃O₁₉S₃
Molecular Weight: 1314.39
Sequence Shortening: CNPMGYTKEGC (Disulfide bridge:Cys1-Cys11)
Target: Trk Receptor
Pathway: Neuronal Signaling; Protein Tyrosine Kinase/RTK
Storage: Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

Description: Cyclotraxin B TFA, a cyclic peptide, is a highly potent and selective TrkB inhibitor without altering the binding of BDNF. Cyclotraxin B TFA non-competitively inhibits BDNF-induced TrkB activity with an IC₅₀ of 0.30 nM. Cyclotraxin B TFA can cross the blood-brain-barrier and has analgesic and anxiolytic-like behavioral effects[1][2][3].

REFERENCES


Caution: Product has not been fully validated for medical applications. For research use only.
Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA