

Catalog	Unit
TBI1536-5MG	5 mg
TBI1536-25MG	25 mg

Product Details

Formal Name: (1-(3-Chlorophenyl)-1H-1,2,3-triazol-4-yl)(thiomorpholino)methanone

Molecular Formula: C₁₃H₁₃ClN₄OS

Formula Weight: 308.79

CAS Number: 951612-19-4

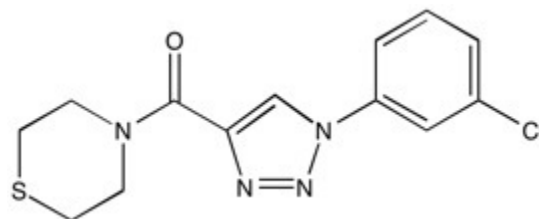
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 14 mg/ml with warming) or in Ethanol (up to 2 mg/ml with warming).

Storage: -20°C

Stability: ≥ 2 years.



Applications

Fn14 antagonist

Functions

Fn14 antagonist. Competes with TNF-like weak inducer of apoptosis (TWEAK) C-terminal/extracellular TNF homology domain (THD) for Fn14 binding (KD = 7.12 μM). It specifically inhibits TWEAK-Fn14-mediated NFκB activation. It completely suppressed TWEAK-induced T98G cell migration (10 μM) without cytotoxicity up to 50 μM. L524-0366 is the first compound known to interfere with the TWEAK/Fn14 inter-action and may serve as a lead compound for the development of new therapeutics.

Application Procedures

First dissolved in DMSO (up to 14 mg/ml with warming) or in Ethanol (up to 2 mg/ml with warming), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 3 months.

For research use only.