

Smer-28, Autophagy inducer

Catalog	Unit
TBI1287-5MG	5 mg
TBI1287-25MG	25 mg

Product Details

Formal Name: 6-Bromo-4-allylaminoquinazoline

Molecular Formula: C₁₁H₁₀BrN₃

Formula Weight: 264.12

CAS Number: 307538-42-7

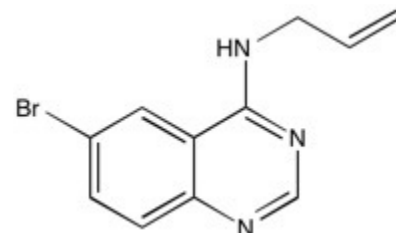
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 2 mg/ml).

Storage: RT

Stability: ≥ 1 year.



Applications

Autophagy inducer

Functions

Induces autophagy via an mTOR-independent pathway. Enhances clearance of β -amyloid protein in cell lines and primary neuronal culture models. May be a useful lead compound for the development of new therapeutics for neurodegenerative diseases. Induces the release of articular cartilage vesicles from healthy articular chondrocytes in a dose- and time-dependent manner. Promotes reprogramming of fibroblasts to neural stem-like cells. Cell permeable..

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 2 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

For research use only.