

EX-527, SIRT1 inhibitor

Catalog	Unit
TBI1083-5MG	5 mg
TBI1083-25MG	25 mg

Product Details

Formal Name: 6-chloro-2,3,4,9-tetrahydro-1H-carbazole-1-carboxamide (racemic)

Molecular Formula: C₁₃H₁₃ClN₂O

Formula Weight: 248.71

CAS Number: 49843-98-3

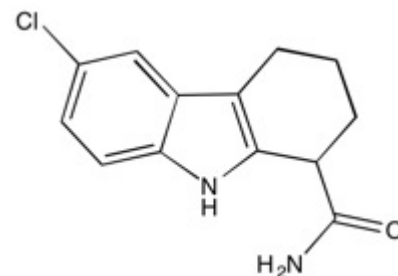
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 18 mg/ml) or in Ethanol (up to 10 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

SIRT1 inhibitor

Functions

Selective SIRT1 inhibitor (IC₅₀=98 nM). Does not inhibit other HDACs or SIRT family members. Increases p53 acetylation following DNA damage. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 18 mg/ml) or in Ethanol (up to 10 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.