

BRD 7116, Leukemia cancer stem cell inhibitor

Catalog	Unit
TBI1616-5MG	5 mg
TBI1616-25MG	25 mg

Product Details

Formal Name: N,N'-(Sulfonyldi-1,4-phenylene)bis[2,2,3,3-tetramethylcyclopropanecarboxamide]

Molecular Formula: C₂₈H₃₆N₂O₄S

Formula Weight: 496.66

CAS Number: 329059-55-4

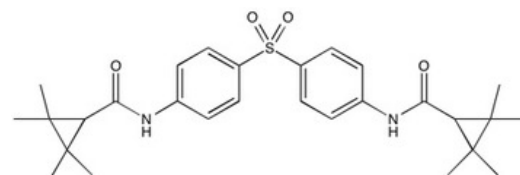
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 40 mg/ml) or in Ethanol (up to 15 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

Leukemia cancer stem cell inhibitor

Functions

Inhibits leukemia stem cell (LSC) activity (EC₅₀ = 200 nM). Displays a >100-fold selectivity for LSCs over normal hematopoietic stem cells.

Application Procedures

First dissolved in DMSO (up to 40 mg/ml) or in Ethanol (up to 15 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

For research use only.