

SHZ-1, Induces myocardial differentiation

Catalog	Unit
TBI1438-5MG	5 mg
TBI1438-25MG	25 mg

Product Details

Formal Name: E-N'-(5-bromo-2-hydroxybenzylidene)benzenesulfonohydrazide

Molecular Formula: C₁₃H₁₁BrN₂O₃S

Formula Weight: 355.21

CAS Number: 326886-05-9

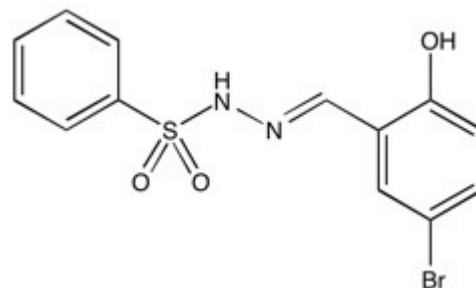
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 5 mg/ml).

Storage: -20°C

Stability: ≥ 1 year.



Applications

Induces myocardial differentiation

Functions

Triggers cardiac mRNA and protein expression in a variety of embryonic and adult stem/progenitor cells including human mobilized peripheral blood mononuclear cells (M-PBMC). A lead compound for the discovery of drugs which promote myocardial repair/regeneration by activating cardiac differentiation in M-PBMC. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 5 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 1 month.

For research use only.