



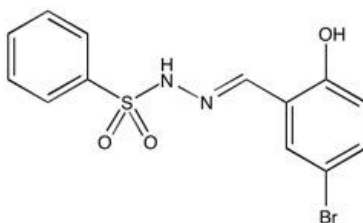
Catalog # 10-1438

SHZ-1

CAS# 326886-05-9

E-N'-(5-bromo-2-hydroxybenzylidene)benzenesulfonohydrazide

Lot # X105403



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)¹. A lead compound for the discovery of drugs which promote myocardial repair/regeneration by activating cardiac differentiation in M-PBMC. Cell permeable.

- 1) Sadek *et al.* (2008), *Cardiogenic small molecules that enhanced myocardial repair by stem cells*; Proc. Natl. Acad. Sci. USA, **105** 6063

PHYSICAL DATA

Molecular Weight:	355.21
Molecular Formula:	C ₁₃ H ₁₁ BrN ₂ O ₃ S
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 5 mg/ml)
Physical Description:	White solid
Storage and Stability:	Store as supplied desiccated at -20°C for up to 2 years from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 1 month.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

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