Screening Libraries

Acedoben

Cat. No.: HY-B1250 CAS No.: 556-08-1 Molecular Formula: C H NO Molecular Weight: 179.17

Target: **Biochemical Assay Reagents**

Pathway: Others

Storage: Powder -20°C 3 years

2 years

-80°C In solvent 6 months

> -20°C 1 month

Product Data Sheet

SOLVENT & SOLUBILITY

In Vitro

DMSO: 100 mg/mL (558.13 mM; Need ultrasonic)

| Preparing Stock Solutions | Solvent Mass Concentration | 1 mg | 5 mg | 10 mg |
|------------------------------|-------------------------------|-----------|------------|------------|
| | 1 mM | 5.5813 mL | 27.9065 mL | 55.8129 mL |
| | 5 mM | 1.1163 mL | 5.5813 mL | 11.1626 mL |
| | 10 mM | 0.5581 mL | 2.7906 mL | 5.5813 mL |

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- 1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (13.95 mM); Clear solution
- 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (13.95 mM); Clear solution
- 3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (13.95 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Acedoben is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

REFERENCES

| 1]. Boldon J A, et al. Physicocl | hemical properties of acedob | en and its trifluoroacetamido d | lerivative. Results in Chemistry, 2023, | 6: 101075. |
|----------------------------------|---------------------------------|--|---|------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | nedical applications. For research | |
| | Tel: 609-228-6898 Address: 1 | Fax: 609-228-5909 Deer Park Dr, Suite Q, Monm | E-mail: tech@MedChemEx nouth Junction, NJ 08852, USA | press.com |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Page 2 of 2 www.MedChemExpress.com