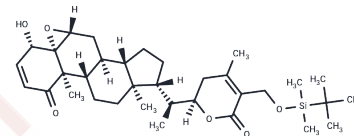


27-O-(tert-Butyldimethylsilyl)withaferin A

Chemical Properties

CAS No. : 1392820-18-6
 Formula: C₃₄H₅₂O₆Si
 Molecular Weight: 584.86
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|---------------|--|
| Description | 27-O-(tert-Butyldimethylsilyl)withaferin A (compound 9a), a natural withanolide known for inducing apoptosis, exhibits antiproliferative effects on HeLa, A-549, and MCF-7 human cancer cell lines, as well as on normal Vero cells [1]. |
| Targets(IC50) | Apoptosis,Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.7098 mL | 8.5491 mL | 17.0981 mL |
| 5 mM | 0.342 mL | 1.7098 mL | 3.4196 mL |
| 10 mM | 0.171 mL | 0.8549 mL | 1.7098 mL |
| 50 mM | 0.0342 mL | 0.171 mL | 0.342 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481