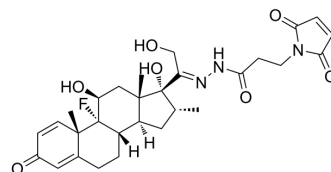


DEX-maleimide

| | | | |
|--------------------|--|-------|----------|
| Cat. No.: | HY-46225 | | |
| CAS No.: | 2754462-35-4 | | |
| Molecular Formula: | C ₂₉ H ₃₆ FN ₃ O ₇ | | |
| Molecular Weight: | 557.61 | | |
| Target: | Others | | |
| Pathway: | Others | | |
| Storage: | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |



SOLVENT & SOLUBILITY

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (4.48 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (4.48 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (4.48 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

DEX-maleimide is a coupling agent that can be used to synthesize conjugates containing single-domain antibodies (VHH) conjugated with antigens and anti-inflammatory agents. DEX-maleimide can be used for research on autoimmune diseases [1].

REFERENCES

[1]. Pishesha, et al. Nanobody (VHH) conjugates and uses thereof. U.S., WO2021247688 A2. 2023-07-27.

Caution: Product has not been fully validated for medical applications. For research use only.

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