

Imiquimod

Catalog No: #S0134

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Description

Product Name	Imiquimod
Brief Description	Inhibitors
Purification	99.50%
Target Name	TLR agonist
Calculated MW	240.31
Formulation	C ₁₄ H ₁₆ N ₄
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Immunology
SMILES: CC(C)CN1C=NC2=C1C1=CC=CC=C1N=C2
Pathways: Immunology/Inflammation
Receptor: TLR7; TLR8
Boiling pt: 456.7°C
Melting pt: 292-294°C
Solubility: DMSO: 0.01 mg/mL (0.04 mM)
Appearance: White Powder
Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

References

1. Gibson SJ, et al. Cell Immunol. 2002 Jul-Aug;218(1-2):74-86.

Note: This product is for in vitro research use only