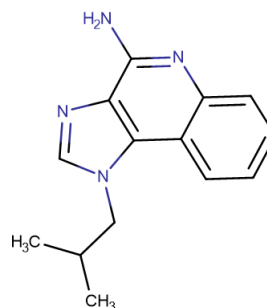


Product Name	: Imiquimod
Synonyms	: R-837; S-26308; TMX 101
Cat No.	: M16906
CAS Number	: 99011-02-6
Molecular Formula	: C ₁₄ H ₁₆ N ₄
Formula Weight	: 240.31
Chemical Name	: 1-isobutyl-1H-imidazo[4,5-c]quinolin-4-amine
Description	<p>Imiquimod is an immune response modifier that acts as a toll-like receptor 7 agonist. Imiquimod is commonly used topically to treat warts on the skin of the genital and anal areas. Imiquimod does not cure warts, and new warts may appear during treatment. Imiquimod does not fight the viruses that cause warts directly, however, it does help to relieve and control wart production. Imiquimod is also used to treat a skin condition of the face and scalp called actinic keratoses and certain types of skin Y called superficial basal cell carcinoma.</p>
Pathway	: Immunology/Inflammation
Target	: TLR
Receptor	: TLR7; TLR8
Solubility	: DMSO: 0.01 mg/mL (0.04 mM)
SMILES	: <chem>NC1=NC2=CC=CC=C2C3=C1N=CN3CC(C)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



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