

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

15-1010: Imiquimod, TLR7 ligand (4-Amino-1-isobutyl-1H-imidazo (4,5-c) quinoline)

Application: Functional Assay

Description

Product Specifications:

Formula: C14H16N4

CAS# 99011-02-6

Identity: Determined by IR.

Appearance: White to off-white powder.

Solubility: Soluble in DMSO or dimethylformamide. Insoluble in ethanol. Slightly soluble in water.

Product Info

Amount :1 mg / 5 mgPurification :Purity: ≥98%Content :5 mg/ml in DMSO

Storage condition:

Stable for 2 years in compound form and Stock solutions are stable for 3 months at -20°C. Can be

stored at 4°C for short term.

Application Note

Immune response modulator, Anti-inflammatory, TLR7 agonist, Stimulates proinflammatory cytokine production interferon- α (IFN- α), interleukin-6 (IL-6) and tumor necrosis factor- α (TNF- α) and activates NF- κ B, Caspase-3 activator that directly induces procaspase-3 cleavage, Anti-cancer compound

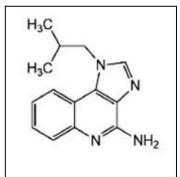


Fig-1: Structure of Imiquimod, TLR7 ligand (4-Amino-1-isobutyl-1H-imidazo (4,5-c) quinoline)