

Imiquimod

Cat. No. LIGC-006

Lot. No. (See product label)

Introduction

Description Imiquimod is a caspase 3 activator, which directly induces procaspase 3 cleavage to active caspase 3. Imiquimod induces apoptosis in vivo in basal cell carcinoma. Its anti-tumor activity is related to the induction of apoptosis. Imiquimod has anti-angiogenic, anti-inflammatory, anti-viral activities. Imiquimod also acts as an immune response modulator inducing the secretion of various cytokines and chemokines.

Applications An immune response modifier. It stimulates the production of interferon- α .

Synonyms Aldara; Beselna; R-837; TMX 101; Zyclara

Product Information

Appearance Off-White Solid

CAS No. 99011-02-6

Molecular Formula C₁₄H₁₆N₄

Molecular Weight 240.3

Purity >95 %

Melting Point 292-294°C

Solubility Soluble to 5 mM in DMSO with gentle warming

Storage and Shipping Information

Storage Store at -20°C.

Stability Stable for at least 2 years when stored at -20°C.