Creative Enzymes®

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-a.
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.