Gardiquimod

TLR7 ligand

Selective ligand for human or mouse Toll-like receptor 7 (TLR7). Induces the activation of NF-κB in HEK 293 cells expressing TLR7. At high concentrations (3µg/ml) slightly activates TLR8. More active than Imiquimod (Prod. No. ALX-420-039).

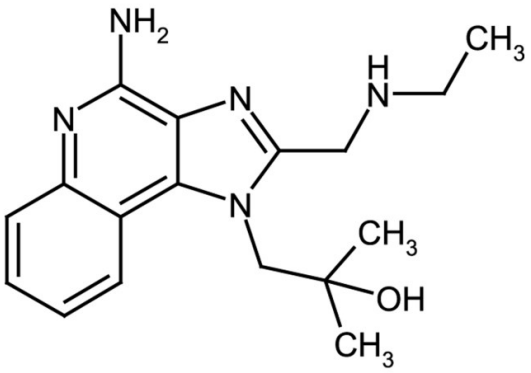
Ordering Information

Order Online »

ALX-420-040-M025	25mg
ALX-420-040-M100	100mg

Manuals, SDS & CofA

View Online »


NH2
N
N
H
N
CH3
N
CH3
OH
CH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	1-(4-Amino-2-ethylaminomethylimidazo[4,5-c]quinolin-1-yl)-2-methylpropan-2-ol
Appearance	White to off-white solid.
Couple Target	TLR, TLR7
Couple Type	Ligand
Formula	$C_{17}H_{23}N_5O$
MW	313.4
Purity	≥98% (HPLC (UV))
Solubility	Soluble in DMSO (>40mg/ml), dioxane (7mg/ml), methanol (>40mg/ml) or acetonitrile (2mg/ml).

Last modified: May 29, 2024

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