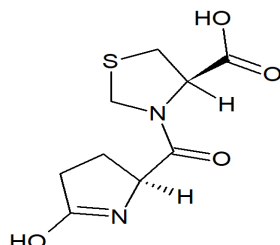


Pidotimod

ALTERNATE NAME: PGT/1A
3-[[[(2S)-5-oxo-2-pyrrolidinyl]carbonyl]-4R-thiazolidinecarboxylic acid

CATALOG #: B2701-100 100 mg
B2701-500 500 mg

STRUCTURE:



MOLECULAR FORMULA: C₈H₁₂N₂O₄S

MOLECULAR WEIGHT: 244.27

CAS NUMBER: 121808-62-6

APPEARANCE: White to off-white solid

PURITY: ≥98%

SOLUBILITY: ~ 5 mg/ml DMSO

DESCRIPTION: Pidotimod is a synthetic dipeptide with immunomodulatory properties. Pidotimod inhibits tumor necrosis factor α (TNF- α) induced increases in extracellular signal-related kinase (ERK) phosphorylation. It also increases nuclear factor- κ B (NF- κ B) expression and translocation to the nucleus. It is these to modulatory effects on ERK and NF- κ B signaling which are thought to produce the increase in toll-like receptor expression seen with pidotimod.

STORAGE TEMPERATURE: -20°C. Protect from moisture

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Imiquimod (1698)
Resiquimod (1699)
Gardiquimod (2002)
Motolimod (B1594)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*