

CU-CPT8m, TLR8 antagonist

Catalog	Unit
TBI3374-5MG	5 mg
TBI3374-25MG	25 mg

Product Details

Formal Name: 7-(3-Methylphenyl)-pyrazolo[1,5-a]pyrimidine-3-carboxamide

Molecular Formula: C₁₄H₁₂N₄O

Formula Weight: 252.3

CAS Number: 125079-83-6

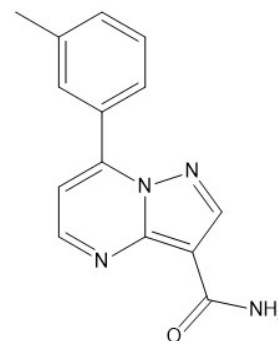
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (100 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

TLR8 antagonist

Functions

Potent and selective antagonist of toll-like receptor 8 (TLR8) acting via stabilization of the TLR8 homodimer. It inhibits TNF α and IL-8 expression induced by the TLR8 agonist resiquimod at 1 μ M and suppresses TLR8-mediated proinflammatory signaling in various cell lines, human primary cells and patient specimens. It reverses phenotypes involved in TLR8-activating fibroblasts. Promotes erythroid cell proliferation and differentiation.

Application Procedures

First dissolved in Soluble in DMSO (100 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.