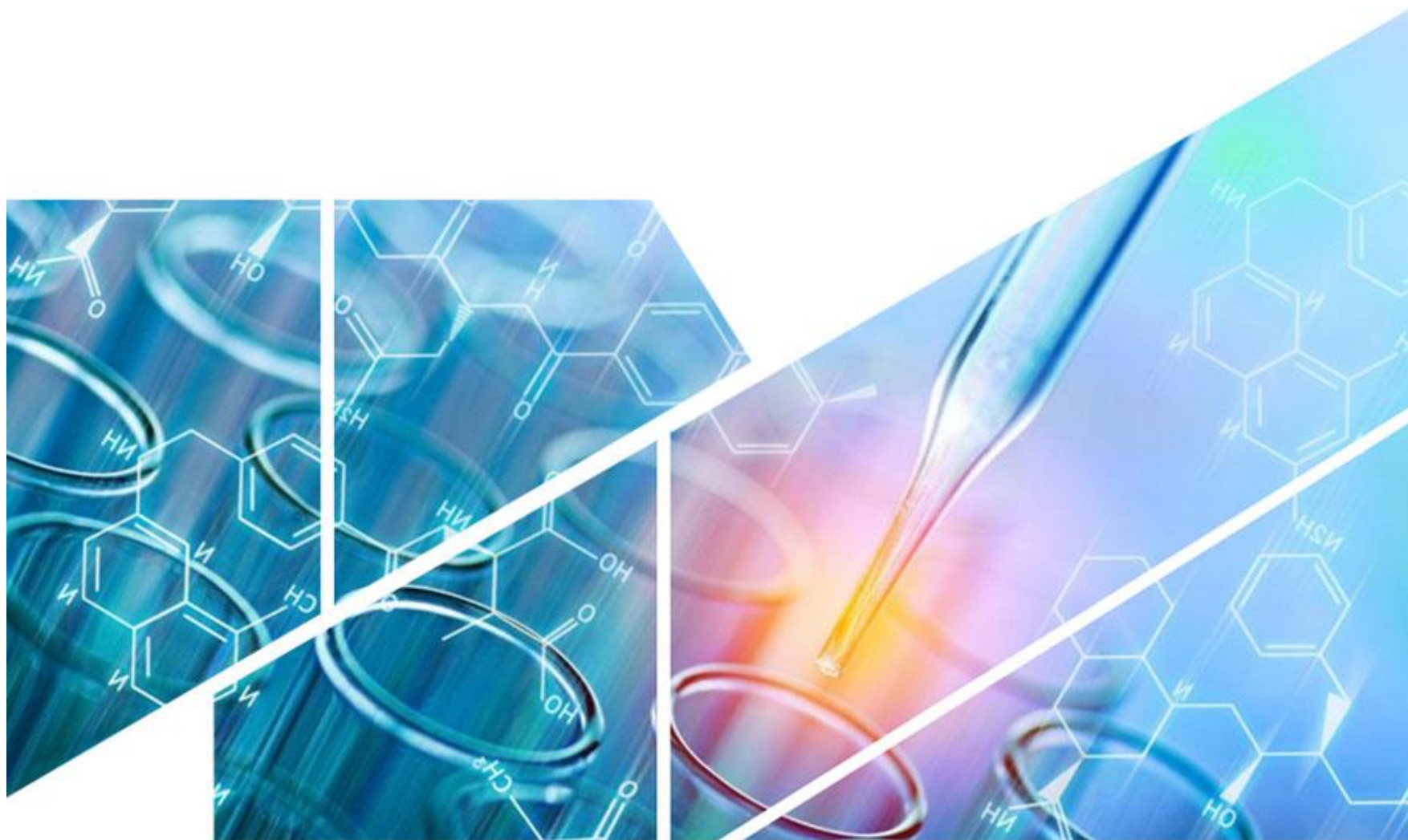


Cytokine Receptor Inhibitors (inhibitors, agonists and modulators)



Cytokines are small secreted proteins released by cells have a specific effect on the interactions and communications between cells. Cytokine is a general name; other names include lymphokine, monokine, chemokine, and interleukin.



CP-456773 sodium - CAS 256373-96-3

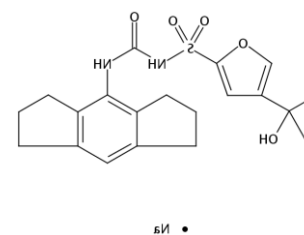
Catalog Number: B0084-470910

Price: \$688/300 mg

Molecular Weight: 427.46

Molecular Formula: C₂₀H₂₄N₂NaO₅S

Description: CP-456773, also known as MCC950 and CRID3, is a potent, orally bioavailable NLRP3 inflammasome inhibitor and inhibits IL-1 β (IC₅₀ = 7.2 nM), IL-1 α (IC₅₀ = 12-18 nM) and IL-18 (IC₅₀ = 10.3 nM) production for the treatment of inflammatory diseases.



AS101 - CAS 106566-58-9

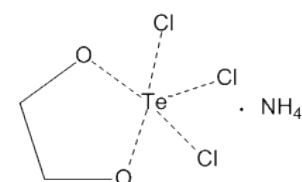
Catalog Number: B0084-256533

Price: \$168/25 mg

Molecular Weight: 312.049

Molecular Formula: C₂H₄Cl₃O₂Te.H₄N

Description: AS101 is a synthetic non-toxic tellurium derivative, structurally similar to cisplatin, with immuno-modulating, antiviral, and hair growth-promoting activities. This agent is also a potent inducer of IL-1 and IL-6. Accordingly, ammonium trichlorotellurate may protect against chemotherapy-induced alopecia.



AS101
CAS: 106566-58-9

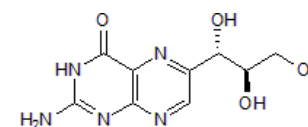
(D)-(+)-Neopterin - CAS 2009-64-5

Catalog Number:

Molecular Weight: 253.21

Molecular Formula: C₉H₁₁N₅O₄

Description: Neopterin, a pyrazino-pyrimidine compound derived from GTP, is a precursor of tetrahydrobiopterin and can be used as a biochemical marker indicative of cell proliferation. Neopterin is synthesized in response to interferon- γ stimulation, and used as a marker of T helper cell-induced immune activation. Neopterin is also an indicator of oxidative stress, and modulates the effects of reactive oxygen species (ROS).



Lyn peptide inhibitor - CAS 222018-18-0

Catalog Number: 222018-18-0

Molecular Weight: 2370.91

Molecular Formula: C₁₁₅H₁₈₄N₃₀O₂₄

Description: Inhibits Lyn-dependent activities of IL-5 receptor; cell-permeable

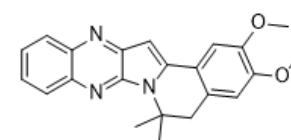
YM 90709 - CAS 163769-88-8

Catalog Number: 163769-88-8

Molecular Weight: 359.43

Molecular Formula: C₂₂H₂₁N₃O₂

Description: IL5 receptor antagonist



AF 12198 - CAS 185413-30-3

Catalog Number: 185413-30-3

Molecular Weight: 1895.14

Molecular Formula: C₉₆H₁₂₃N₁₉O₂₂

Description: Potent, selective human type I IL-1 receptor antagonist

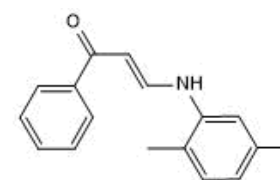
6877002 - CAS 433249-94-6

Catalog Number: 433249-94-6

Molecular Weight: 251.32

Molecular Formula: C₁₇H₁₇NO

Description: CD40-TRAF6 interaction inhibitor



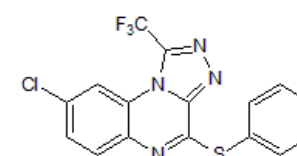
R 7050 - CAS 303997-35-5

Catalog Number: 303997-35-5

Molecular Weight: 380.77

Molecular Formula: C₁₆H₈ClF₃N₄S

Description: Inhibitor of TNF-α receptor 1 signaling



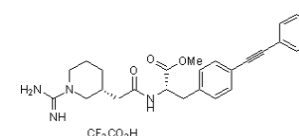
Ro 26-4550 trifluoroacetate - CAS 1217448-66-2

Catalog Number: 1217448-66-2

Molecular Weight: 560.57

Molecular Formula: C₂₆H₃₀N₄O₃.CF₃CO₂H

Description: Competitive inhibitor of IL-2/ IL-2Rα receptor interaction



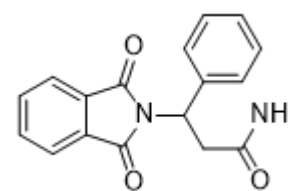
CC-1088 - CAS 467421-06-3

Catalog Number: 467421-06-3

Molecular Weight: 294.31

Molecular Formula: C₁₇H₁₄N₂O₃

Description: CC-1088 is an analog of thalidomide with potential antineoplastic activity that belongs to the functional class of agents called selective cytokine inhibitory drugs (SelCIDs)



FR-167653 - CAS 158876-65-4

Catalog Number: 158876-65-4

Molecular Weight: 427.43

Molecular Formula: C₂₄H₁₈FN₅O₂

Description: FR-167653, a pyrazolotriazin derivative, has been found to be a cytokine inhibitor as well as P38 mitogen-activated protein kinase inhibitor and was once studied as an anticoagulant.

