

AS-605240 potassium

Chemical Properties

CAS No. :

Formula: C₁₂H₆KN₃O₂S

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	AS-605240 (potassium) is an orally active PI3Ky inhibitor with an IC ₅₀ of 8 nM and a K _i of 7.8 nM. It inhibits MCP-1 and CSF1-induced PKB phosphorylation with IC ₅₀ values of 0.181 μM and 0.550 μM, respectively. In mouse models of peritonitis induced by RANTES (CCL5) and thioglycolate, AS-605240 (potassium) reduces neutrophil recruitment, showing EC ₅₀ values of 9.1 mg/kg and 10 mg/kg. Additionally, AS-605240 (potassium) ameliorates arthritis induced by αCII-IA in mice.
Targets(IC ₅₀)	Akt,PI3K

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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