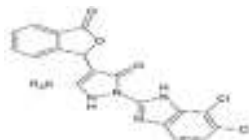


RU-521

ALTERNATE NAME: RU521
EU 521
3-[1-(6,7-dichloro-1H-benzimidazol-2-yl)-5-hydroxy-3-methyl-pyrazol-4-yl]-3H-isobenzofuran-1-one

CATALOG #: B2547-1 1 mg
B2547-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₉H₁₂Cl₂N₄O₃

MOLECULAR WEIGHT: 415.23

CAS NUMBER: N/A

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

SOLUBILITY: ~ 2 mg/ml DMSO

DESCRIPTION: RU-521 (RU-320521) is a potent, selective cyclic GMP-AMP synthase (cGAS) inhibitor (K_d = 36.2 nM). RU-521 is active and selective in cellular assays of cyclic GMP-AMP synthase-mediated signaling and reduces constitutive expression of interferon in macrophages from a mouse model of Aicardi-Goutières syndrome.

STORAGE TEMPERATURE: -20°C. Protect from light

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

RELATED PRODUCTS:

STING Antagonist, C-178 (B2396)
cGAMP disodium salt (2435)
STING Inhibitor, C-176 (B2341)

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