



LKT Laboratories, Inc.

BMS-911543

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Product Information

Product ID B5000

CAS No. 1271022-90-2

Chemical Name

Synonym BMS911543

Formula $C_{23}H_{28}N_8O$

Formula Wt. 432.52

Melting Point

Purity $\geq 99\%$

Solubility DMSO 36 mg/mL (83.23 mM)

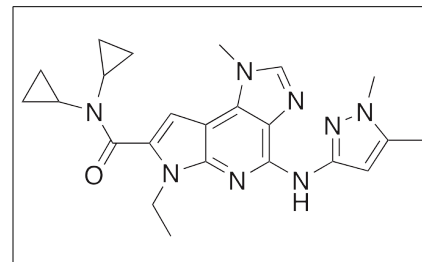
Ethanol 22 mg/mL (50.86 mM)

Water Insoluble

Store Temp -20°C

Ship Temp Ambient

Description BMS-911543 is an oral selective inhibitor of JAK2 currently in clinical trials. BMS-911543 shows anticancer activity through inhibition of the JAK/STAT signaling cascade in vitro and in vivo models of myeloproliferative neoplasms, which display constitutively active JAK2 signaling. This compound exhibits antiproliferative and anti-erythropoietic effects.



Bulk quantities available upon request

Product ID	Size
B5000	1 mg
B5000	5 mg
B5000	25 mg

References Purandare AV, McDevitt TM, Wan H, et al. Characterization of BMS-911543, a functionally selective small-molecule inhibitor of JAK2. *Leukemia*. 2012 Feb;26(2):280-8. PMID: 22015772.

Tibes R, Bogenberger JM, Geyer HL, et al. JAK2 inhibitors in the treatment of myeloproliferative neoplasms. *Expert Opin Investig Drugs*. 2012 Dec;21(12):1755-74. PMID: 22991927.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.