

GSK 143

## Chemical Properties

CAS No. :

Formula:

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	Spleen tyrosine kinase (Syk) inhibitor (pIC50 = 7.5). Also inhibits phosphorylated Erk (pIC50 = 7.1). Decreases cell number and viability in chronic lymphocytic leukemia (CCL) cell lines.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Reference

Liddle et al (2011) Discovery of GSK143, a highly potent, selective and orally efficacious spleen tyrosine kinase inhibitor. Bioorg.Med.Chem.Lett. 21 6188 PMID:21903390

Varghese et al (2018) Highly selective SYK inhibitor, GSK143, abrogates survival signals in chronic lymphocytic leukaemia. Br.J.Haematol 182 927 PMID:28770560

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481