



biochemicals

Manufactured by VDM Biochemicals.LLC

5386 Majestic Parkway, Unit-9, Bedford Heights, OH 44146, USA

Phone Number: 1-440-786-9400

Fax Number: 1-440-786-9410

Email: sales@vdm.bio

Product Data Sheet

Product name: **Syk Inhibitor**

Cat. number: **VD-OEIA-10018**

CAS Number: **622387-85-3**

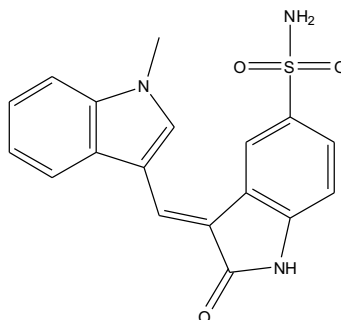
Lot number: **VD502504**

www.vdm.bio

Personal protective equipment

■ Lab coat.

■ Safety glasses.



Product Specification

Formula:	C ₁₈ H ₁₅ N ₃ O ₃ S
MW:	353.4
Purity:	>=97% by HPLC (sum of two isomers)
Appearance:	Deep orange solid
Solubility:	DMSO
Storage:	+2°C to +8°C. Protect from light.
Synonyms:	Spleen Tyrosine Kinase Inhibitor

Product Description:

A cell-permeable oxindole compound that acts as a potent, reversible, and ATP-competitive Syk inhibitor (IC₅₀ = 14 nM). Has been shown to effectively inhibit FcεRI-mediated degranulation in the rat basophilic leukemia cell line, RBL-2H3 (EC₅₀ = 313 nM).

Product References

1.Lai, J.Y.Q., et al. 2003. Bioorg. Med. Chem. Lett. 13, 3111.

Signature _____