



## Product Information

Product ID D364086

CAS No. 944842-54-0

### Chemical Name

Synonym VX-509, VRT-831509, Adelitinib

Formula  $C_{18}H_{19}F_3N_6O$

Formula Wt. 392.39

Melting Point

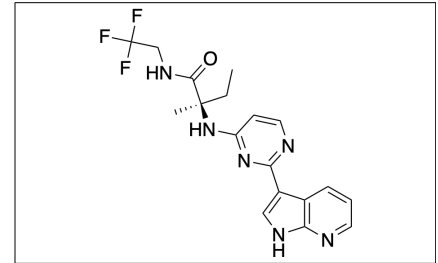
Purity  $\geq 99\%$

Solubility

Store Temp  $-20^{\circ}C$

Ship Temp Ambient

**Description** Decernotinib is a potent and selective inhibitor of JAK3. It exhibits anti-inflammatory effects in rat models of rheumatoid arthritis, while avoiding hematopoiesis, a problem with current non-selective JAK inhibitors. Methotrexate treatment is also improved when used in combination with decernotinib. TEST!!!!!!



## Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
D364086	1 mg	\$65.00
D364086	5 mg	\$135.00
D364086	25 mg	\$385.00
D364086	100 mg	\$775.00

**References** Farmer L., Ledebner M., et al. Discovery of VX-509 (Decernotinib): A Potent and Selective Janus Kinase 3 Inhibitor for the Treatment of Autoimmune Diseases. *J Med Chem.* 58(18):7195-216 (2015). PMID: 26230873.

Elwood F., Witter D., et al. Evaluation of JAK3 Biology in Autoimmune Disease Using a Highly Selective, Irreversible JAK3 Inhibitor. *361(2):229-44 (2017).* PMID:28193636.

Genovese M., van Vollenhoven R., et al. VX-509 (Decernotinib), an Oral Selective JAK-3 Inhibitor, in Combination With Methotrexate in Patients With Rheumatoid Arthritis. *Arthritis Rheumatol.* 68(1):46-55 (2016). PMID: 26473751.

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