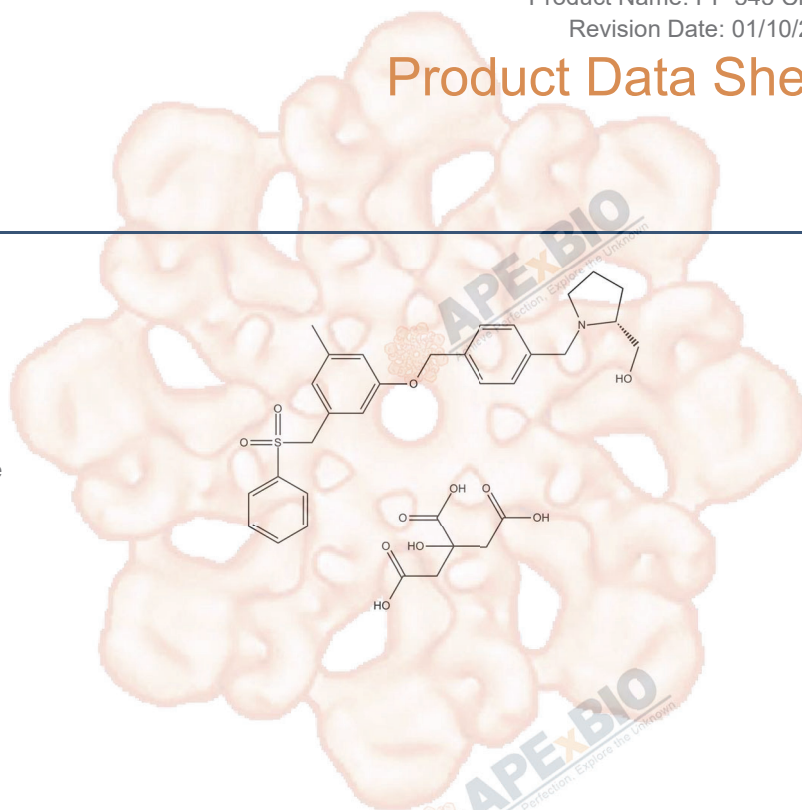


Product Data Sheet

PF-543 Citrate

Cat. No.:	A3718
CAS No.:	1415562-83-2
Formula:	C33H39NO11S
M.Wt:	657.73
Synonyms:	PF543 Citrate;PF 543 Citrate
Target:	Others
Pathway:	SPHK
Storage:	Store at -20°C



Solvent & Solubility

≥89.4 mg/mL in DMSO, ≥28.33 mg/mL in EtOH with ultrasonic and warming, ≥51.8 mg/mL in H₂O with ultrasonic and warming

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	1.5204 mL	7.6019 mL	15.2038 mL
	5 mM	0.3041 mL	1.5204 mL	3.0408 mL
	10 mM	0.1520 mL	0.7602 mL	1.5204 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary	SphK1 inhibitor,potent and cell-permeate	
IC ₅₀ & Target		
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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