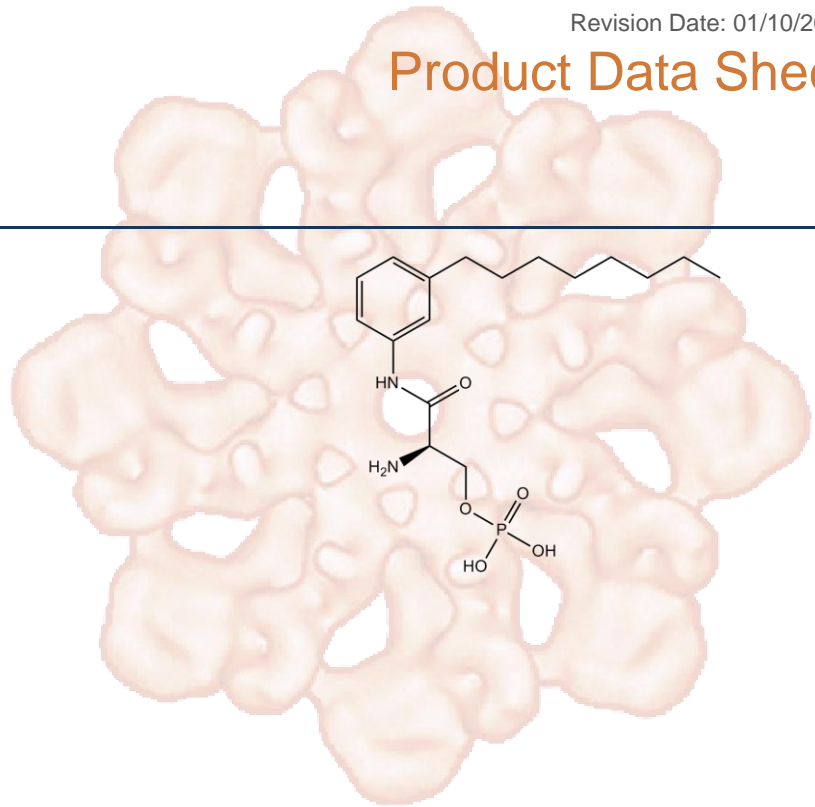


# Product Data Sheet

## VPC 23019

<b>Cat. No.:</b>	B7611
<b>CAS No.:</b>	449173-19-7
<b>Formula:</b>	C <sub>17</sub> H <sub>29</sub> N <sub>2</sub> O <sub>5</sub> P
<b>M.Wt:</b>	372.4
<b>Synonyms:</b>	
<b>Target:</b>	GPCR/G protein
<b>Pathway:</b>	S1P receptor inhibitor
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

Soluble in DMSO

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	1 mM		2.6853 mL	13.4264 mL	26.8528 mL
	5 mM		0.5371 mL	2.6853 mL	5.3706 mL
	10 mM		0.2685 mL	1.3426 mL	2.6853 mL

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

## Biological Activity

Shortsummary	S1P1/S1P3 receptor antagonist
IC <sub>50</sub> & Target	
In Vitro	<b>Cell Viability Assay</b> Preparation method:
In Vivo	<b>Animal experiment</b> Applications:

## Product Citations

1. Zheng Z, Zeng YZ, et al. "S1P promotes inflammation-induced tube formation by HLECs via the S1PR1/NF-κB pathway." Int Immunopharmacol. 2019 Jan;66:224-235.PMID:30476824

See more customer validations on [www.apexbt.com](http://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. Short-term 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.*

**APEX BIO Technology**

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