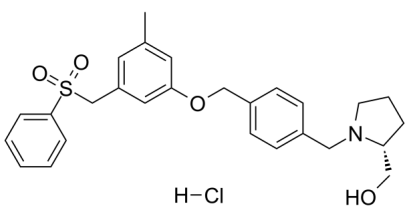


Certificate of Analysis

Catalog Number	BP10748
Product Name	PF-543 hydrochloride

Physical and Chemical Properties

Synonyms	PF-543
CAS No.	1706522-79-3
Chemical Formula	C ₂₇ H ₃₂ ClNO ₄ S
Molecular Weight	502.07
Solubility	DMSO: 90 mg/mL (136.83mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	PF-543 inhibits SphK1 with a K(i) of 3.6 nM, is sphingosine-competitive and is more than 100-fold selective for SphK1 over the SphK2 isoform.
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Targets&IC50	sphingosine 1-phosphate (S1P): 26.7 nM (IC50), SphK1: 2 nM (IC50), SphK1: 3.6 nM (Ki)
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Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<https://www.purduebio.com>

1-877.618.7311

info@purduebio.com

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