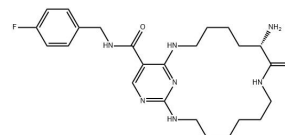


Technical Data Sheet

UNC2541

Compound Information

Product Name:	UNC2541
CAS No.:	1612782-86-1
Molecular Formula:	C ₂₄ H ₃₄ N ₇ O ₂
Molecular Weight:	471.57
Storage:	Powder -20°C 3 years; 4°C 2 years In solvent -80°C 6 months; -20°C 1 month
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	UNC2541 is a potent and Mer tyrosine kinase (MerTK)-specific inhibitor, binds in the MerTK ATP pocket, with an IC ₅₀ of 4.4 nM, more selective over Axl, Tyro3 and Flt3. UNC2541 inhibits phosphorylated MerTK (pMerTK; EC ₅₀ , 510 nM).
Solubility	DMSO:10.0(Max Conc. mg/mL);21.21(Max Conc. mM)
Purity	100.00%
1H NMR	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.