

Technical Data Sheet
CB5083

Compound Information

Product Name:	CB5083
CAS No.:	1542705-92-9
Molecular Formula:	C ₂₄ H ₂₃ N ₅ O ₂
Molecular Weight:	413.47
Storage:	Store at -20°C
Revision Date:	2026-04-27

Analytical Information

Tests	Specifications
Description	CB-5083 is a first-in-class, potent and selective, orally bioavailable inhibitor of the p97 AAA ATPase/VCP. CB-5083 selectively inhibits p97 through its D2 site with the IC ₅₀ of 11 nM.
IUPAC Name	1- [7,8- Dihydro- 4- [(phenylmethyl)amino]- 5H- pyrano[4,3- d]pyrimidin- 2- yl]- 2- methyl- 1H- indole- 4- carboxamide
Form	solid
Color	White to light yellow
Solubility	insoluble in H ₂ O; ≥20.65 mg/mL in DMSO; ≥4.4 mg/mL in EtOH
HPLC	Shows 98.4% purity
NMR	Pass test

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