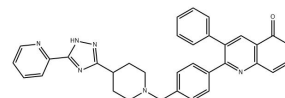


Technical Data Sheet

3-Phenyl-2-[4-[[4-[5-(2-pyridinyl)-1H-1,2,4-triazol-3-yl]-1-piperidinyl]methyl]phenyl]-1,6-Naphthyridin-5(6H)-one

Compound Information

Product Name:	3-Phenyl-2-[4-[[4-[5-(2-pyridinyl)-1H-1,2,4-triazol-3-yl]-1-piperidinyl]methyl]phenyl]-1,6-Naphthyridin-5(6H)-one
CAS No.:	893422-47-4
Molecular Formula:	C ₃₃ H ₂₉ N ₇ O
Molecular Weight:	539.63
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	Akt1/Akt2-IN-1 (Compound 17) is an allosteric inhibitor of Akt1 (IC ₅₀ =3.5 nM) and Akt2 (IC ₅₀ =42 nM), with potent and balanced activity.
Form	Solid
Solubility	DMSO : ≥ 35 mg/mL (64.86 mM)

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