Data Sheet

Product Name:	CC-90003
Cat. No.:	CS-0046792
CAS No.:	1621999-82-3
Molecular Formula:	C22H21F3N6O2
Molecular Weight:	458.44
Target:	ERK
Pathway:	MAPK/ERK Pathway; Stem Cell/Wnt
Solubility:	DMSO : ≥ 125 mg/mL (272.66 mM); H2O : < 0.1 mg/mL (insoluble)
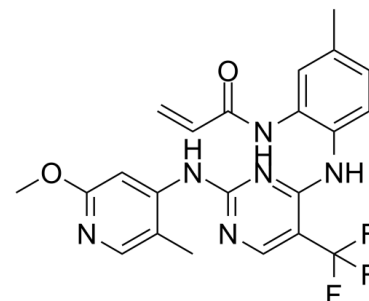
BIOLOGICAL ACTIVITY:

CC-90003 is an irreversible and selective inhibitor of **ERK 1/2** with antitumor activity. IC50 & Target: ERK 1/2[1] **In Vitro:** CC-90003 is an irreversible and selective inhibitor of ERK 1/2 with antitumor activity[1].

References:

[1]. Monica M. Mita, et al. A phase Ia study of CC-90003, a selective extracellular signal-regulated kinase (ERK) inhibitor, in patients with relapsed or refractory BRAF or RAS-mutant tumors. Journal of Clinical Oncology 35, no. 15_suppl (May 20 2017) 2577-2577.

CAIndexNames:

2-Propenamide, N-[2-[[2-[(2-methoxy-5-methyl-4-pyridinyl)amino]-5-(trifluoromethyl)-4-pyrimidinyl]amino]-5-methylphenyl]-

SMILES:

C=CC(NC1=CC(C)=CC=C1NC2=NC(NC3=CC(OC)=NC=C3C)=NC=C2C(F)(F)F)=O

Caution: Product has not been fully validated for medical applications. For research use only.