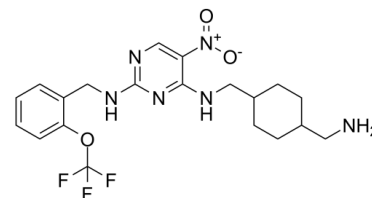


Data Sheet

Product Name:	PKC-theta inhibitor
Cat. No.:	CS-0062613
CAS No.:	736048-65-0
Molecular Formula:	C ₂₀ H ₂₅ F ₃ N ₆ O ₃
Molecular Weight:	454.45
Target:	PKC
Pathway:	Epigenetics; TGF-beta/Smad
Solubility:	DMSO : 62.5 mg/mL (137.53 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

PKC-theta inhibitor is a selective PKC- θ inhibitor, with an IC_{50} of 12 nM. IC_{50} & Target: IC_{50} : 12 nM (PKC- θ)^[1].

References:

[1]. Cywin CL, et al. Discovery of potent and selective PKC-theta inhibitors. Bioorg Med Chem Lett. 2007 Jan 1;17(1):225-30.

CAIndexNames:

2,4-Pyrimidinediamine, N4-[[4-(aminomethyl)cyclohexyl]methyl]-5-nitro-N2-[[2-(trifluoromethoxy)phenyl]methyl]-

SMILES:

FC(F)(F)OC1=CC=CC=C1CNC2=NC=C([N+])([O-])=O)C(NCC3CCCC(N)CC3)=N2

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

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