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**Product Data Sheet**

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Product Name: rac-CCT 250863

Cat. No.: GC50063

**Chemical Properties**

Cas. No. 1364269-06-6

SMILES CN(C)CC1=CSC(C2=CN=C(N)C(C3=CC(OC(/C=C\C(F)(F)F)C)=C(C(N)=O)C=C3)=C2)=C1Formula C<sub>24</sub>H<sub>25</sub>F<sub>3</sub>N<sub>4</sub>O<sub>2</sub>S M.Wt 490.54

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Potent Nek2 inhibitor (IC<sub>50</sub> = 73 nM). Exhibits selectivity for Nek2 over PLK1, MPS1, Cdk2 and Aurora A.

Innocenti et al (2012) Design of potent and selective hybrid inhibitors of the mitotic kinase Nek2: structure-activity relationship, structural biology, and cellular activity. J.Med.Chem. 55 3228 PMID:22404346

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

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