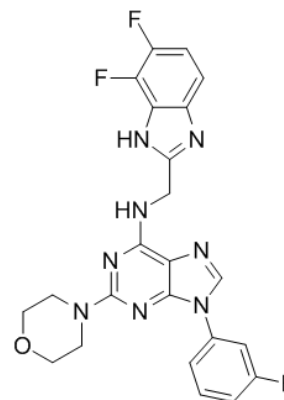


Product Name : SR-3029
Cat. No. : PC-42026
CAS No. : 1454585-06-8
Molecular Formula : C₂₃H₁₉F₃N₈O
Molecular Weight : 480.4452
Target : Casein Kinase
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

SR-3029 is a potent, highly selective, ATP-competitive and brain penetrating Casein Kinase 1δ/ε (**CK1δ/ε**) inhibitor with IC₅₀ of 44/260 nM, respectively.

SR-3029 inhibits melanoma A375 cell growth with IC₅₀ of 86 nM.

SR-3029 triggers apoptosis of CK1δ-expressing breast tumor cells ex vivo, tumor regression in orthotopic models of triple-negative breast cancer in mice model.

References

Bibian M, et al. *Bioorg Med Chem Lett*. 2013 Aug 1;23(15):4374-80.

Rosenberg LH, et al. *Sci Transl Med*. 2015 Dec 16;7(318):318ra202.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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