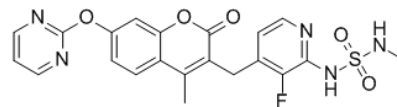


Product Name : RO-5126766
Cat. No. : PC-45504
CAS No. : 946128-88-7
Molecular Formula : C₂₁H₁₈FN₅O₅S
Molecular Weight : 471.4615
Target : MEK (MAP2K)
Solubility : 10 mM in DMSO



Biological Activity

A potent, first-in-class dual Raf/MEK inhibitor with IC₅₀ of 56 nM/160 nM for C-Raf/MEK1; shows weak or no inhibition on CYP2C9, CYP3A4 and hERG; inhibits ERK signaling output more effectively than a standard MEK inhibitor PD0325901 that induces MEK phosphorylation and has potent antitumor activity as well.

Solid Tumors
Phase 1 Clinical

References

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Ishii N, et al. Cancer Res. 2013 Jul 1;73(13):4050-60.

Wada M, et al. PLoS One. 2014 Nov 25;9(11):e113217.

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

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