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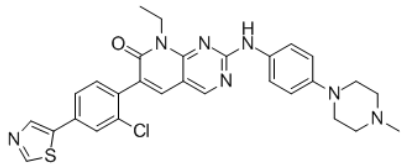
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	FRAX597
Cat. No.	:	PC-44510
CAS No.	:	1286739-19-2
Molecular Formula	:	$C_{29}H_{28}ClN_7OS$
Molecular Weight	:	558.0969
Target	:	p21-activated Kinase (PAK)
Solubility	:	10 mM in DMSO



Biological Activity

FRAX597 is a potent, selective ATP-competitive inhibitor of group I PAKs with IC50 of 8/13/19 nM for **PAK1/2/3**.
FRAX597 shows no effect on PAK4 (IC50>10 uM).
FRAX597 inhibits the proliferation of NF2-deficient schwannoma cells in culture.
FRAX597 displays potent anti-tumor activity in vivo, impairing schwannoma development in an orthotopic model of NF2.

References

Licciulli S, et al. ***J Biol Chem.*** 2013 Oct 4;288(40):29105-14.

Chow HY, et al. ***Cancer Res.*** 2012 Nov 15;72(22):5966-75.

Yeo D, et al. ***BMC Cancer.*** 2016 Jan 16;16:24.

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