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产品名称: **Nek2-IN-5**
CAS 号: **1507367-00-1**
产品货号: **S34218**

生物活性:				
Description	Nek2-IN-5 (compound 6) 是一种有效且不可逆的 Nek2 ((从未在有丝分裂基因 a 中)相关激酶 2) 抑制剂。Nek2-IN-5 是一种点击化学试剂。它含有 Alkyne 基团, 可以和含有 Azide 基团的分子发生铜催化的叠氮-炔环加成反应 (CuAAC).			
IC50 & Target	NEK2			
Cellular Effect	Cell Line	Type	Value	Description
	HCT-116	GI ₅₀	18.1 μ M	Growth inhibition against human HCT116 cells incubated for 72 hrs
	HeLa	GI ₅₀	32.2 μ M	Growth inhibition of human HeLa cells incubated for 72 hrs
	HeLa	GI ₅₀	47.1 μ M	Growth inhibition of human HeLa cells measured after 92 hrs by CellTiter Blue assay
	MCF7	GI ₅₀	6.6 μ M	Growth inhibition against human MCF-7 cells incubated for 72 hrs
	Rec1	GI ₅₀	1.6 μ M	Growth inhibition against human Rec-1 cells incubated for 72 hrs
	SK-BR-3	GI ₅₀	2.2 μ M	Growth inhibition against human SKBR3 cells incubated for 72 hrs
	T47D	GI ₅₀	3.6 μ M	Growth inhibition against human T47D cells incubated for 72 hrs
	U2OS	GI ₅₀	71 μ M	Growth inhibition of human U2OS cells measured after 92 hrs by CellTiter Blue assay
参考文献	[1]. Lebraud H, et al. Model system for irreversible inhibition of Nek2: thiol addition to ethynylpurines and related substituted heterocycles. Org Biomol Chem. 2014 Jan 7;12(1):141-8.			