



上海源叶生物科技有限公司
Shanghai yuanye Bio-Technology Co., Ltd
电话: 021-61312973 传真: 021-55068248
网址: www.shyuanye.com
邮箱: shyyssw@sina.com

产品名称: **B-Raf inhibitor 1 (dihydrochloride)**

CAS 号: **1191385-19-9**

产品货号: **S88002**

生物活性:			
Description	B-Raf inhibitor 1 dihydrochloride 是一种有效的 Raf 激酶抑制剂, 作用于 B-RafWT, B-RafV600E, 和 C-Raf, Ki 分别为 1 nM, 1 nM, 和 0.3 nM。		
IC50 & Target[1]	B-Raf	B-Raf ^{V600E}	C-Raf
	1 nM (Ki)	1 nM (Ki)	0.3 nM (Ki)
In Vitro	B-Raf inhibitor 1 (Compound 13) inhibits A375 and HCT-116 proliferation with IC50s of 0.31 and 0.72 μ M, respectively. B-Raf inhibitor 1 (Compound 13) binds to and stabilizes B-Raf in a DFG-out, inactive conformation in which the ATP pocket is partially filled by Phe595 and Gly596 from the DFG motif. B-Raf inhibitor 1 (Compound 13) additionally exhibits low micromolar inhibition against wild type B-Raf cell lines, which may be due to off-target kinase activities or alternatively to pan-Raf inhibition, including Raf dimers[1].		



源叶