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产品名称: **Phenol,
2-Methoxy-5-[[[(1E)-2-(2,4,6-triMethoxyphenyl)ethenyl]sulfonyl]Methyl]-,
1-(dihydrogen phosphate)**
产品别名: **Briciclib; ON 014185**

生物活性:				
Description	Briciclib is a water soluble derivative of ON 013100, and has the potential in targeting eIF4E for solid cancers.			
IC ₅₀ & Target	eIF4E[1]			
In Vitro	Briciclib has the potential in targeting eIF4E. Briciclib shows inhibitory activity against the proliferation of mantle cell leukemia (EKO-1 and MINO), breast (MCF7 and MDA-MB-231), gastric (AGS), and esophageal (OE19, OE33, and FLO-1) cancer cell lines with GI50s of 9.8-12.2 nM, and with no toxicity on normal endothelial cells. Briciclib dose-dependently reduces the expression of cyclin D1 and c-Myc in breast and MCL cancer cell lines within 8 hours[1].			
Solvent&Solubility	In Vitro: DMSO : ≥ 31 mg/mL (65.34 mM) * "≥" means soluble, but saturation unknown.			
	<div>Preparing Stock Solutions</div>	<div>Solvent / Mass / Concentration</div>	1 mg	5 mg
		1 mM	2.1078 mL	10.5392 mL
		5 mM	0.4216 mL	2.1078 mL
		10 mM	0.2108 mL	1.0539 mL
	*请根据产品在不同溶剂中的溶解度选择合适的溶剂配制储备液; 一旦配成溶液, 请分装保存, 避免反复冻融造成的产品失效。 储备液的保存方式和期限 -80°C, 6 months; -20°C, 1 month。 -80°C 储存时, 请在 6 个月内使用, -20°C 储存时, 请在 1 个月内使用。			
References	[1]. Neel Jasani, et al. Abstract 1649: Potent anticancer activity of an orally bioavailable small molecule, ON 013100, and its water soluble derivative, briciclib, a clinical-stage eIF4E-targeted agent. Cancer Research. August 2015, Volume 75, Issue 15.			