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产品名称：Mutated EGFR-IN-1
产品别名：Osimertinib analog

生物活性：

Description	Mutated EGFR-IN-1 (Osimertinib analog) is a useful intermediate for the inhibitors design for mutated EGFR, such as L858R EGFR, Exonl9 deletion activating mutant and T790M resistance mutant. IC50 value: Target: Mutated EGFR inhibitor More information can be found in Patent WO 2013014448 A1.2 - (2, 4, 5 - substituted -anilino) pyrimidine derivatives as egfr modulators useful for treating cancer.

IC_{50} & Target	$EGFR^{L858R}$	$EGFR^{Exon\ 19\ deletion/T790M}$	$EGFR^{T790M}$

Solvent&Solubility

In Vitro:

DMSO : ≥ 75 mg/mL (168.33 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	2.2444 mL	11.2218 mL	22.4437 mL
	5 mM	0.4489 mL	2.2444 mL	4.4887 mL
	10 mM	0.2244 mL	1.1222 mL	2.2444 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]. Patent WO 2013014448 A1. 2 - (2, 4, 5 - substituted -anilino) pyrimidine derivatives as egfr modulators useful for treating cancer .