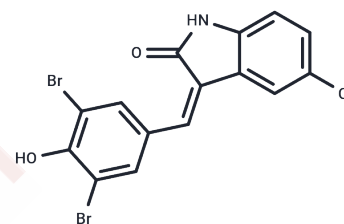


## Raf inhibitor 2

## Chemical Properties

CAS No. :	220904-99-4
Formula:	C <sub>15</sub> H <sub>8</sub> Br <sub>2</sub> ClNO <sub>2</sub>
Molecular Weight:	429.49
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Raf inhibitor 2 (CID 25014542) is novel inhibitor of Raf kinases.
Targets(IC50)	Raf

## Solubility Information

Solubility	DMSO: 30 mg/mL (69.85 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3283 mL	11.6417 mL	23.2834 mL
5 mM	0.4657 mL	2.3283 mL	4.6567 mL
10 mM	0.2328 mL	1.1642 mL	2.3283 mL
50 mM	0.0466 mL	0.2328 mL	0.4657 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

- Lulli D, Carbone ML, Pastore S. The MEK Inhibitors Trametinib and Cobimetinib Induce a Type I Interferon Response in Human Keratinocytes. *Int J Mol Sci.* 2017 Oct 24;18(10)
- Ferguson PJ, et al. Synergistic antiproliferative activity of the RAD51 inhibitor IBR2 with inhibitors of receptor tyrosine kinases and microtubule protein. *J Pharmacol Exp Ther.* 2017 Oct 23.
- Chen SH, et al. RAF inhibitor LY32009120 sensitizes RAS or BRAF mutant cancer to CDK4/6 inhibition by abemaciclib via superior inhibition of phospho-RB and suppression of cyclin D1. *Oncogene.* 2017 Oct 23.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481