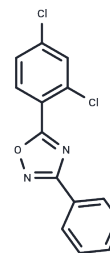


## AHR-activator-1023

## Chemical Properties

CAS No. :	352346-46-4
Formula:	C <sub>14</sub> H <sub>8</sub> Cl <sub>2</sub> N <sub>2</sub> O
Molecular Weight:	291.13
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	AHR-activator-1023 is the aryl hydrocarbon receptor activator. It is also a specific FGF2-induced branching morphogenesis modulator.
Targets(IC50)	Others,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4349 mL	17.1745 mL	34.3489 mL
5 mM	0.687 mL	3.4349 mL	6.8698 mL
10 mM	0.3435 mL	1.7174 mL	3.4349 mL
50 mM	0.0687 mL	0.3435 mL	0.687 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

Basham KJ, Kieffer C, Shelton DN, Leonard CJ, Bhonde VR, Vankayalapati H, Milash B, Bearss DJ, Looper RE, Welm BE. Chemical genetic screen reveals a role for desmosomal adhesion in mammary branching morphogenesis. J Biol Chem. 2013 Jan 25;288(4):2261-70. doi: 10.1074/jbc.M112.411033. Epub 2012 Dec 3. PubMed PMID: 23212921; PubMed Central PMCID: PMC3554898.

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