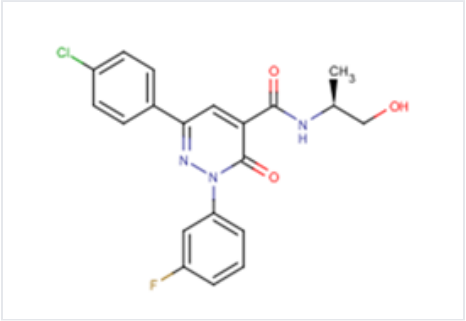
AHR Inhibitor – Antagonist 1

PRODUCT OVERVIEW

Product Name	AHR antagonist 1, Inhibitor
Full Product Name	AHR antagonist 1
Product Gene Name	AHR, inhibitor
Form/Format	Powder
Purity/Purification	98.00%
Preparation and Storage	Store at -20 degree C for 3 years powder; -80 degree C for 2 years in solvent For obtaining a higher solubility, please warm the tube at 37 degree C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 degree C for several month.
Molecular Weight	401.82
Formula	C20H17ClFN3O3
CAS	2162982-11-6
Smiles	C[C@@H](CO)NC(=O)c1cc(nn(-c2cccc(F)c2)c1=O)-c1ccc(Cl)cc1
Receptor (IC50)	AhR
Solubility	DMSO: 250mg/mL (622.17mM) (<1mg/ml refers to the product slightly soluble or insoluble)
Product Categories/Family for AHR, inhibitor	Home; Metabolism; AhR; AHR antagonist 1
Related Product Information for AHR, inhibitor	AHR antagonist 1 is an aryl hydrocarbon receptor (AHR) antagonist, has an IC50 of 39.9nM in human cell line.
Product References and Citations for AHR, inhibitor	1. Ilona Gutcher, Christina Kober, Lars Roese,et al.Abstract 1288: Blocking tumor-associated immune suppression with BAY-218, a novel, selective aryl hydrocarbon receptor (AhR) inhibitor[J].10.1158/1538-7445.AM2019-1288 Published July 2019. 2. Norbert Schmees, et al. 3-oxo-2,6-diphenyl-2,3-dihydropyridazine-4-carboxamides. WO2017202816A1.
Other Notes	Small volumes of AHR, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for AHR purchase	MBS5751981 is an inhibitor targeting AHR. Also known as AHR antagonist 1.



Structure of AHR, inhibitor

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AHR. It may not necessarily be applicable to this product.

Protein Family	Aldehyde reductase
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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