

AhR agonist 2

Chemical Properties

CAS No. :

Formula: C₁₂H₇Br₂N₃

Molecular Weight: 353.01

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	AhR agonist 2 (Compound 12a) is a highly potent agonist of the aryl hydrocarbon receptor (AhR), exhibiting an EC ₅₀ value of 0.03 nM. This compound rapidly induces nuclear enrichment of AhR and initiates transcription of downstream genes, thereby promoting skin barrier repair. AhR agonist 2 shows promising potential for psoriasis research [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8328 mL	14.1639 mL	28.3278 mL
5 mM	0.5666 mL	2.8328 mL	5.6656 mL
10 mM	0.2833 mL	1.4164 mL	2.8328 mL
50 mM	0.0567 mL	0.2833 mL	0.5666 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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