

Product Datasheet

ITE (orb1299983)

Catalog Number	orb1299983
Category	Small Molecules
Description	ITE is a high-affinity endogenous aryl hydrocarbon receptor (AhR) agonist with a K_i of 3 nM. It exhibits potent immunosuppressive properties and is widely used in research to study AhR-mediated immunoregulation in both cellular and animal models of inflammation and autoimmunity.
Target	Aryl Hydrocarbon Receptor,AhR
Purity	≥95% (May vary between batches)
MW	286.31
Target Areas	Aryl Hydrocarbon Receptor AhR
Solubility (25°C)	DMSO:41 mg/mL (143.2 mM)
CAS Number	448906-42-1
Formula	$C_{14}H_{10}N_2O_3S$
SMILES	<chem>COC(=O)c1csc(n1)C(=O)c1c[nH]c2ccccc12</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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