

Product Datasheet

Potassium 1H-indol-3-yl sulfate (orb1302436)

Catalog Number	orb1302436
Category	Small Molecules
Description	Potassium indoxyl sulfate is a tryptophan-derived AhR agonist and uremic toxin. It is used to study AhR-mediated pathways in renal fibrosis and inflammation, with applications in chronic kidney disease research using in vitro models like proximal tubular cells.
Target	Endogenous Metabolite,AhR
Purity	99.52% (May vary between batches)
MW	251.30
Target Areas	AhR Endogenous Metabolite
Solubility (25°C)	H2O:50 mg/mL (198.97 mM);DMSO:100 mg/mL (397.93 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:4 mg/mL (15.92 mM)
CAS Number	2642-37-7
Formula	C ₈ H ₆ KNO ₄ S
SMILES	[K+].[O-]S(=O)(=O)Oc1c[nH]c2ccccc12
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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