



Product Information

PARP inhibitor 3-Aminobenzamide, Purity $\geq 98\%$

Cat. No.: X23-10-ZQ244

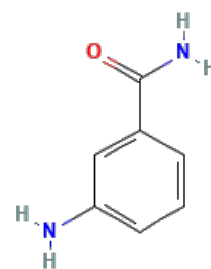
MDL: MFCD00007989

CAS Number: 3544-24-9

Compound CID: 1645

Synonym: 3544-24-9; 3-Aminobenzamide; 3-Amino-benzamide; Meta-aminobenzamide; PARP inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	3-Aminobenzamide, soluble in DMSO and ethanol and insoluble in water, binds to the PARP enzyme's active site, preventing it from repairing single-strand DNA breaks. It targets PARP.
Molecular Weight	136.2
Molecular Formula	C ₇ H ₈ N ₂ O
Targets	PARP: <50 nM
IUPAC Name	3-Aminobenzamide
InChI	InChI=1S/C7H8N2O/c8-6-3-1-2-5(4-6)7(9)10/h1-4H,8H2,(H2,9,10)
InChI Key	GSCPDZHWVNUUFI-UHFFFAOYSA-N
Canonical SMILES	C1=CC(=CC(=C1)N)C(=O)N
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 26 mg/mL (190.97 mM); Water: Insoluble; Ethanol: 26 mg/mL
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	3-Aminobenzamide can be used to study its inhibitory effects on PARP.
Storage	Store at -20°C.