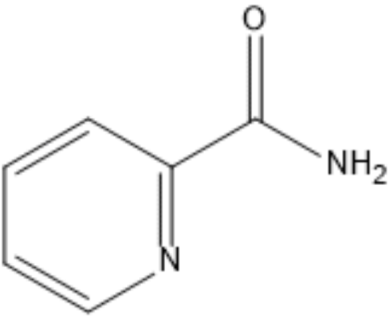


Data Sheet

Product Information

Catalog Number	BP14110
Product Name	Picolinamide
Description	Picolinamide is found to be a strong inhibitor of poly (ADP-ribose) synthetase of nuclei from rat pancreatic islet cells.
Targets&IC50	PARP:95 μ M
In vitro	In AR-HEK293 cells stably expressing full-length hAR, ODM-201 inhibits human AR (hAR) with IC50 of 26 nM. ODM-201 inhibits VCaP cell proliferation with IC50 of 230 nM, while has no effect on the viability of AR-negative cell lines tested, DU-145 prostate cancer cells and H1581 lung cancer cells.
In vivo	Overnight treatment of rats with picolinamide, administered as a single injection (4 mmol/kg), inhibits Na ⁺ /phosphate cotransport by isolated renal brush border membrane vesicles. There is only a small increase (1.5-fold) in renal cortical NAD content after picolinamide treatment.
Synonyms	2-Pyridinecarboxamide, Picolinoylamide, 2-Carbamoylpyridine, 2-Picolinamide
CAS No.	1452-77-3
Chemical Formula	C ₆ H ₆ N ₂ O
Molecular Weight	122.127
Solubility	DMSO: 23 mg/mL (188.3 mM) Ethanol: 23 mg/mL (188.3 mM); H ₂ O: 22 mg/mL (180.2 mM)

Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <chem>NC(=O)c1ccccn1</chem>

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