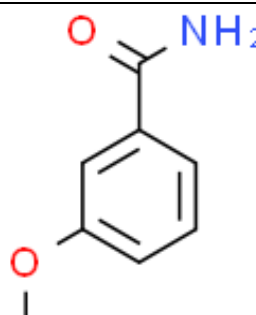


Product Data Sheet

Cas No.:	5813-86-5	Cat. No:	PL08934
Product Name:	3-Methoxybenzamide		
Product synonym:	3-甲氧基苯甲酰胺;3-甲氧基苯甲酰;间茴香酰胺;间甲氧基苯甲酰胺		
Chemical name:	3-Methoxybenzamide		
MF:	C8H9NO2	FW:	151.16256
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	COC1=CC=CC(C(N)=O)=C1		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

3-Methoxybenzamide (3-MBA) 是 ADP-核糖转移酶 (ADPRTs) 和 PARP 的抑制剂, 抑制枯草芽孢杆菌的细胞分裂, 导致细胞最终裂解。3-Methoxybenzamide (3-MBA) 可促进蓝薯 (Solanum tuberosum L. subsp. andigenum) 植株的生长、微瘤化和转化效率。

生物活性	3-Methoxybenzamide (3-MBA), an inhibitor of ADP-ribosyltransferase (ADPRTs) and PARP, inhibits cell division in <i>Bacillus subtilis</i> , leading to filamentation and eventually lysis of cells. 3-Methoxybenzamide (3-MBA) enhances in vitro plant growth, microtuberization, and transformation efficiency of blue potato (<i>Solanum tuberosum</i> L. subsp. <i>andigenum</i>).
体外研究(In Vitro)	3-Methoxybenzamide (0-30 mM) affects septation via the FtsZ system during both vegetative growth and sporulation. 3-Methoxybenzamide (3 MB; 0.2 to 0.6 mM) significantly increaseS the growth and microtuber formation of in vitro propagated plants. has not independently confirmed the accuracy of these methods. They are for reference only.Cell Viability Assay
包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: DMSO : 100 mg/mL (661.55 mM; Need ultrasonic)配制储备液