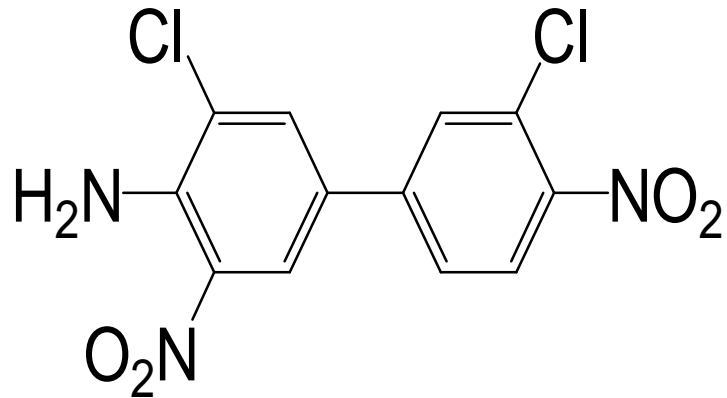


図 1 PBTA類のS9 mix存在下でのS.typhimurium TA98株に対する変異原性

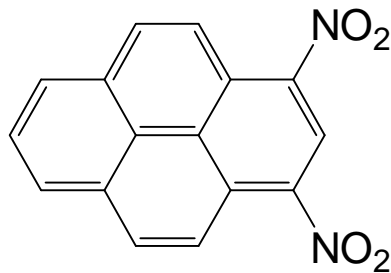
	Compounds	Mutagenicity (revertants/ μ g)
	PBTA-1	88,000
	R = C ₂ H ₄ OCH ₃ R' = C ₂ H ₄ OCH ₃	
	PBTA-2	93,000
	R = C ₂ H ₄ CN R' = C ₂ H ₅	
	PBTA-3	81,000
	R = C ₂ H ₄ OH R' = H	
	PBTA-4	190,000
	R = H R' = H	
PBTA-5	56,000	
R = C ₂ H ₄ OCOCH ₃ R' = C ₂ H ₄ OCOCH ₃		
PBTA-6	18,000	
R = C ₂ H ₄ OH R' = C ₂ H ₄ OH		
PBTA-7	89,000	
R = C ₂ H ₅ R' = C ₂ H ₅		
PBTA-8	81,000	
R = CH ₂ CH=CH ₂ R' = CH ₂ CH=CH ₂		

図2 PCB様物質の構造

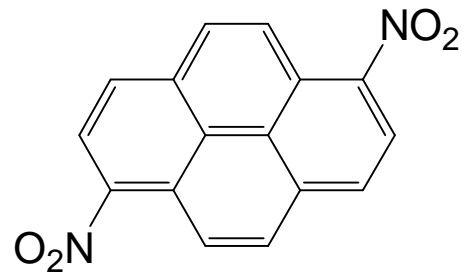


4-amino-3,3'-dichloro-5,4'-dinitrobiphenyl

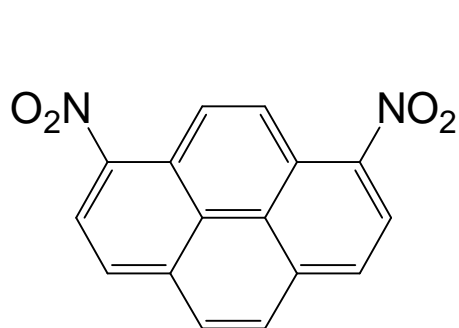
図3 ニトロアレーンの構造



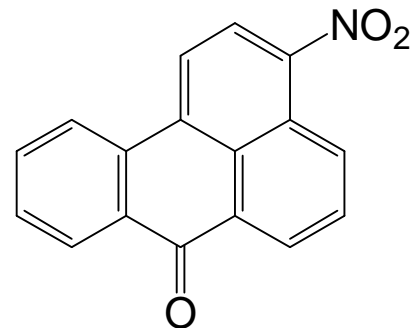
1,3-DNP



1,6-DNP



1,8-DNP



3-NBA