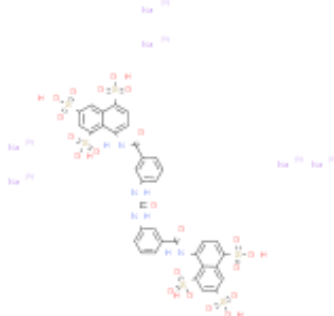


## Product Data Sheet

Cas No.:	104869-31-0	Cat. No:	PC12178
Product Name:	NF 023		
Product synonym:	-		
Chemical name:	NF 023		
MF:	C35H26N4O21S6.6[NA]	FW:	1168.92394
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	[NaH].[NaH].[NaH].[NaH].[NaH].[NaH].O=C(NC1=CC=CC(C(NC2C=CC(S(=O)(O)=O)C3C=C(C=C(S(=O)(O)=O)C=23)S(=O)(O)=O)=O=C1)NC1=CC=CC(C(NC2C=CC(S(=O)(O)=O)C3C=C(C=C(S(=O)(O)=O)C=23)S(=O)(O)=O)=O)=O=C1		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

## Product Description

P2X1受体拮抗剂,NF023 hexasodium 是具有选择性的、竞争性的 P2X1 受体拮抗剂，其对人 P2X1、P2X3、P2X2 和 P2X4 的 IC50 值分别为 0.21 μM、28.9 μM、> 50 μM 和> 100 μM。

生物活性	NF023 hexasodium is a selective and competitive <b>P2X<sub>1</sub> receptor</b> antagonist, with <b>IC<sub>50</sub></b> values of 0.21 μM, 28.9 μM, > 50 μM and > 100 μM for human P2X <sub>1</sub> , P2X <sub>3</sub> , P2X <sub>2</sub> , and P2X <sub>4</sub> -mediated responses respectively.
体外研究(In Vitro)	<p>NF023 is selective for recombinant Gi alpha-1 and recombinant Go alpha (EC<sub>50</sub> value of approximately 300 nM).</p> <p>NF023 inhibits P2X1 receptors in a voltage-insensitive manner. NF023 (5 and 30 μM) causes a shift of the concentration-response curve to the right without affecting the maximal response to ATP (K<sub>B</sub>=1.190.2 μM).</p> <p><b>Medlife has not independently confirmed the accuracy of these methods. They are for reference only.</b></p>

体内研究(In Vivo)	NF023 (100 $\mu$ mol/kg i.v.) antagonizes vasopressor responses to $\alpha,\beta$ -mATP but not to noradrenaline In pithed rats. <b>Medlife has not independently confirmed the accuracy of these methods. They are for reference only.</b>
包装储存	4°C, sealed storage, away from moisture *In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)