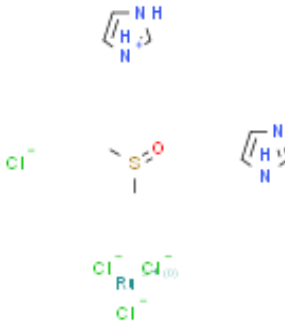


Product Data Sheet

Cas No.:	201653-76-1	Cat. No:	PL04879
Product Name:	NAMI-A		
Product synonym:	NAMI-A		
Chemical name:	NAMI-A		
MF:	C8H15CL4N4ORUS	FW:	458.177895784378
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	[Ru+3].[Cl-].[Cl-].[Cl-].[Cl-].S(C)(C)=O.[NH+]1C=CNC=1.N1C=NC=C1		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

NAMI-A 是一种钌基试剂，其特征在于对肿瘤转移的选择性活性，抑制粘附和迁移。

生物活性	NAMI-A is a ruthenium-based drug characterised by the selective activity against tumour metastases, inhibits the adhesion and migration. In vitro: NAMI-A can significantly affect tumor cells with metastatic ability. The half lifetime of NAMI-A elimination from the lungs is longer than for liver, kidney, and primary tumor. NAMI-A bound to collagen is active on tumor cells as shown in vitro by an invasion test, using a modified Boyden chamber and Matrigel, and it inhibits the matrix metallo-proteinases MMP-2 and MMP-9 at micromolar concentrations. [1] The ruthenium drug NAMI-A inhibits the adhesion and migration of colorectal cancer cells. NAMI-A decreases α5β1 integrin expression and FAK auto-phosphorylation on Tyr 397. [2] In vivo: The reference for NAMI-A is 35 mg/kg/day. [1]
包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: H ₂ O : 8.28 mg/mL (18.07 mM; Need ultrasonic and warming)配制储备液