

6 References 1 图像

概述

产品名称	Ruthenium red, Ca ²⁺ signaling抑制剂
描述	Ca ²⁺ signaling抑制剂
生物学描述	Ca ²⁺ signaling inhibitor. Inhibits mitochondrial Ca ²⁺ uniporter, Ca ²⁺ -ATPase, troponin C and calmodulin. Blocks intracellular Ca ²⁺ release by ryanodine receptor from internal stores. Attenuates capsaicin-induced cation channel opening. Inhibits Ca ²⁺ -induced Ca ²⁺ release from ryanodine-sensitive intracellular Ca ²⁺ stores. Blocks large-conductance Ca ²⁺ -activated potassium channels
CAS编号	11103-72-3
化学结构	$[(\text{NH}_3)_5\text{RuORu}(\text{NH}_3)_4\text{ORu}(\text{NH}_3)_5]\text{Cl}_6$

性能

化学名称	Ammoniated ruthenium oxychloride
分子量	786.35
分子式	H ₄₂ N ₁₄ O ₂ Ru ₃ Cl ₆
PubChem识别号	16218584
存放说明	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in water to 10 mM
处理	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	N.N.N.N.N.N.N.N.N.N.N.N.N.N.N.N.O.O.[Cl-].[Cl-].[Cl-].[Cl-].[Cl-].[Cl-].[Ru+2].[Ru+2].[Ru+2]
来源	Synthetic

图片



Chemical Structure - Ruthenium red, Ca²⁺ signaling inhibitor (ab120264)

2D chemical structure image of ab120264, Ruthenium red, Ca²⁺ signaling inhibitor

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