

Data Sheet (Cat.No.TN4905)

Rehmannic acid

Chemical Properties

CAS No.:	467-81-2
Formula:	C ₃₅ H ₅₂ O ₅
Molecular Weight:	552.8
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Rehmannic acid and oleanolic acetate inhibit succinoxidase activity. Both Rehmannic acid and Icteroenin are potent uncouplers, abolishing the phosphate uptake, the respiration being inhibited by the former and increased by the latter.
Targets(IC ₅₀)	NADPH-oxidase: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.809 mL	9.045 mL	18.090 mL
5 mM	0.362 mL	1.809 mL	3.618 mL
10 mM	0.181 mL	0.904 mL	1.809 mL
50 mM	0.036 mL	0.181 mL	0.362 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481