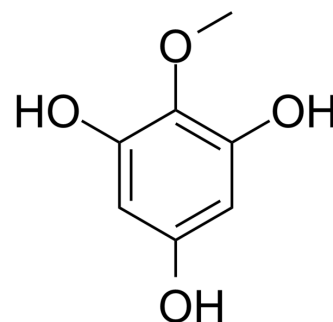


Iretol

Cat. No.:	HY-13938		
CAS No.:	487-71-8		
Molecular Formula:	C ₇ H ₈ O ₄		
Molecular Weight:	156		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 62.5 mg/mL (400.64 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	6.4103 mL	32.0513 mL	64.1026 mL
		5 mM	1.2821 mL	6.4103 mL	12.8205 mL
10 mM		0.6410 mL	3.2051 mL	6.4103 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (13.33 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (13.33 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (13.33 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	Iretol (2,4,6-trihydroxyanisole) is a degradation product of a glucoside obtained from <i>Iris Jorentina</i> . Iretol is an intermediate in the synthesis of natural isoflavones, such as Tectorigenin, Irigenin and Caviunin ^[1] .
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REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

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