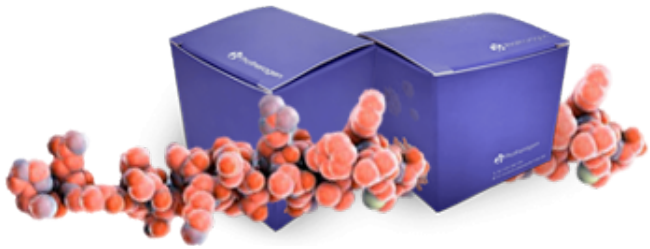
Protheragen Obesity



Pratensein

Cat. No.:	OB0225WX-2043
Appearance:	Solid
Purity:	≥99%
Identity:	Confirmed by NMR, and LC-MS.
Size:	1 mg; 5 mg; 10 mg; 25 mg; 50 mg

This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	Pratensein is an isoflavone derivative that acts as a novel transcriptional up-r egulator of scavenger receptor class B type I (SR-BI) within HepG2 cells.
Synonym	2284-31-3; 3'-hydroxybiochanin A; 4776B compound; 3'-hydroxy-biochanin A; 5,7,3' -trihydroxy-4'-methoxyisoflavone; 5,7-dihydroxy-3-(3-hydroxy-4-methoxyphenyl)-4H -chromen-4-one; 3',5,7-trihydroxy-4'-methoxyisoflavone; 5,7-dihydroxy-3-(3-hydro xy-4-methoxyphenyl)chromen-4-one; 5,7-Dihydroxy-3-(3-hydroxy-4-methoxyphenyl)-4H -1-benzopyran-4-one; MT-8; Pratensin; 4H-1-Benzopyran-4-one, 5,7-dihydroxy-3-(3-hydroxy-4-methoxyphenyl)-; 4'-methoxy-3',5,7-trihydroxyisoflavone
CAS No.	2284-31-3
Compound CID	5281803
Formula	$C_{16}H_{12}O_6$
Formula Weight	300.26

Specification

Relative Density	1.512 g/cm^3
IUPAC Name	5,7-Dihydroxy-3-(3-hydroxy-4-methoxyphenyl)chromen-4-one
InChI	InChI=1S/C16H12O6/c1-21-13-3-2-8(4-11(13)18)10-7-22-14-6-9(17)5-12(19)15(14)16(10)20/h2-7,17-19H,1H3
InChI Key	FPIOBTBNRZPWJW-UHFFFAOYSA-N
SMILES string	COC1=C(C=C(C=C1)C2=COC3=CC(=CC(=C3C2=O)O)O)O

Address: 101-4 Colin Dr, Holbrook, NY 11741, USA
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info@obesityscientific.com

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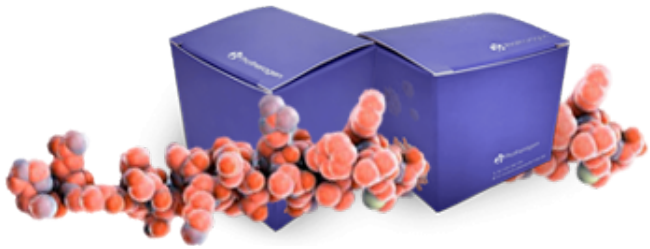

Stability	3 years in powder form.
Storage	Storage at -20°C.
Applications	Pratensein is employed in phytochemical studies as an isoflavone to investigate its estrogenic activity and its potential role in regulating lipid metabolism an d vascular health.

Library Information

Target	NF-κB
Receptor	NF-κB
Pathways	NF-κB
Plate Number	AOCL-27
Plate Location	b6
Empty Location	a1-h1; a12-h12
Container	96-well plate
Formulation	10mM DMSO
DMSO Max Solubility	50 mg/mL; 166.52 mM

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