

Product Datasheet

Syringaresinol diglucoside (orb1303424)

Catalog Number	orb1303424
Category	Small Molecules
Description	Syringaresinol diglucoside is a bioactive lignan that counteracts multiple stress-induced physiological impairments in animal models. It mitigates declines in sexual behavior, rectal temperature, and memory retrieval while preventing adrenal gland hypertrophy. This compound is utilized in neuroscience and endocrinology research to study stress resilience mechanisms and neuroendocrine interactions.
Target	Others
Purity	99.77% (May vary between batches)
MW	742.72
Target Areas	Others
Solubility (25°C)	Ethanol:Soluble;DMSO:50 mg/mL (67.32 mM);Pyridine, Methanol, etc.:Soluble
CAS Number	66791-77-3
Formula	C ₃₄ H ₄₆ O ₁₈
SMILES	[H][C@@]12CO[C@@H](c3cc(OC)c(O[C@@H]4O[C@H](O)[C@H](O)[C@H]4O)c(OC)c3)[C@]1([H])CO[C@H]2c1cc(OC)c(O[C@@H]2O[C@H](CO)[C@@H](O)[C@H](O)[C@H]2O)c(OC)c1
Storage	keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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