



Product Information

Product ID U698578

CAS No. 165393-06-6

Chemical Name

Synonym 3,8,9-Trihydroxy-6H-benzo[c]chromen-6-one; 3,8,9-TRIHYDROXYBENZO[C]
CHROMEN-6-ONE;
MFCD20275232; 3,8,9-trihydroxy-urolithin

Formula C₁₃H₈O₅

Formula Wt. 244.2

Melting Point

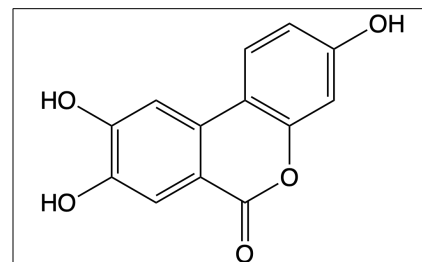
Purity ≥98%

Solubility

Store Temp 4° C

Ship Temp Ambient

Description Urolithins are dietary metabolites of ellagitannins. Many plant-based food sources contain ellagitannins, which are transformed by the gut microflora. The resulting urolithins have various bioactivities and bioavailabilities.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
U698578	5 mg	\$152.30
U698578	25 mg	\$404.30
U698578	100 mg	\$1029.00

References Wilhelmsen A, Karagounis L, Bennett A, et al. The polyphenol metabolite urolithin A suppresses myostatin expression and augments glucose uptake in human skeletal muscle cells. *Nutr Metab (Lond)*. 2025 Feb 17;22(1):12. PMID: 39962542.

Heyns I, Ganugula R, Kuma M, et al. UPLC-MS/MS method for simultaneous quantification of cyclosporine A and urolithin A in plasma and interspecies analysis across mammals including humans. *ACS Omega*. 2025 Jan 31;10(5):4569-4579. PMID: 39959077.

Pidgeon R, Mitchell S, Shamash M, et al. Diet-derived urolithin A is produced by a dehydroxylase encoded by human gut *Enterocloster* species. *Nat Commun*. 2025 Jan 24;16(1):999. PMID: 39856097.

Moradi N, Champi S, Hood D. Sulforaphane, urolithin A, and ZLN005 induce time-dependent alterations in antioxidant capacity, mitophagy, and mitochondrial biogenesis in muscle cells. *Sports Med Health Sci*. 2024 Apr 4;7(1):16-27. PMID: 39649792.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.