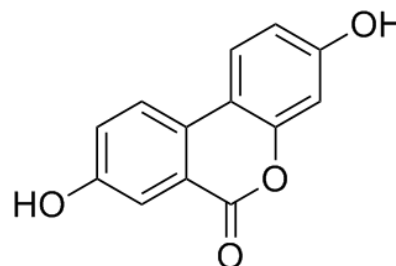


**Product Name** : Urolithin A  
**Cat. No.** : PC-42209  
**CAS No.** : 1143-70-0  
**Molecular Formula** : C<sub>13</sub>H<sub>8</sub>O<sub>4</sub>  
**Molecular Weight** : 228.2002  
**Target** : Mitophagy  
**Solubility** : DMSO: ≥ 33 mg/mL



### Biological Activity

Urolithin A is a first-in-class natural compound that induces **mitophagy** both in vitro and in vivo following oral consumption.

Urolithin A prevents the accumulation of dysfunctional mitochondria with age and extends lifespan in *C. elegans*.

Urolithin A improves exercise capacity in mouse models of age-related decline of muscle function.

### References

Ryu D, et al. *Nat Med.* 2016 Aug;22(8):879-88.

Tang L, et al. *Biochem Biophys Res Commun.* 2017 May 6;486(3):774-780.

Guada M, et al. *J Pharmacol Exp Ther.* 2017 Oct;363(1):58-65.

Zhao W, et al. *Mol Carcinog.* 2017 Oct 4.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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