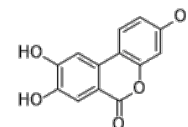


Product Name : Urolithin C
Cat. No. : PC-22788
CAS No. : 165393-06-6
Molecular Formula : C₁₃H₈O₅
Molecular Weight : 244.20
Target : Pyruvate Kinase
Solubility : 10 mM in DMSO



Biological Activity

Urolithin C, a gut-microbial metabolite of Ellagic acid, is a glucose-dependent activator of insulin secretion, Urolithin C is a L-type Ca²⁺ channel opener and enhances Ca²⁺ influx, also is an allosteric inhibitor of liver-specific isoform of pyruvate kinase (PKL).

References

Battisti UM, et al. Pharmaceuticals (Basel). 2023 Apr 28;16(5):668.

Slimane Toubal, et al. Fundam Clin Pharmacol. 2020 Feb 21.

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

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