LKT Laboratories, Inc.

Chromium Picolinate

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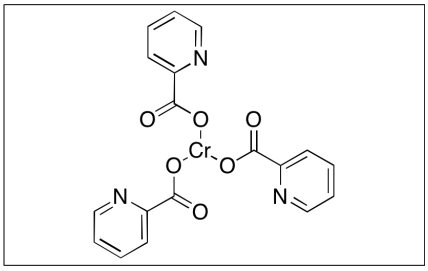
Product Information

Product ID C2965
CAS No. 14639-25-9
Chemical Name Tris(2-pyridinecarboxylato-N1,O2)chromium

Synonym Chromium(III) trispicolinate



Formula $C_{18}H_{12}CrN_3O_6$
Formula Wt. 418.30
Melting Point Decomposes
Purity ≥98%
Solubility Soluble in 0.6 mM water (pH 7.0) or 2.0 mM chloroform.

Bulk quanitites available upon request

Product ID	Size
C2965	5 g
C2965	25 g

Store Temp Ambient
Ship Temp Ambient
Description Chromium picolinate is clinically used to decrease fasting blood glucose and insulin levels. Chromium picolinate exhibits anti-hyperlipidemic, cardioprotective, and anti-diabetic activities. In high-fat diet-fed rats, chromium picolinate decreases plasma lipid levels and platelet aggregation. In spontaneously hypertensive rats, this compound improves myocardial contractility, myocardial relaxation, and coronary blood flow after cardiac ischemia/reperfusion.

References

Seif AA. Chromium picolinate inhibits cholesterol-induced stimulation of platelet aggregation in hypercholesterolemic rats. Ir J Med Sci. 2014 Mar 15. [Epub ahead of print]. PMID: 24633441.

Amooee S, Parsanezhad ME, Ravanbod Shirazi M, et al. Metformin versus chromium picolinate in clomiphene citrate-resistant patients with PCOs: A double-blind randomized clinical trial. Iran J Reprod Med. 2013 Aug;11(8):611-8. PMID: 24639797.

Abebe W, Liu JY, Wimborne H, et al. Effects of chromium picolinate on vascular reactivity and cardiac ischemia-reperfusion injury in spontaneously hypertensive rats. Pharmacol Rep. 2010 Jul-Aug;62(4):674-82. PMID: 20885007.