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Monocarboxylate Transporter 1 Hyperinsulinism

National Cancer Institute

Source

National Cancer Institute. *Monocarboxylate Transporter 1 Hyperinsulinism*. NCI Thesaurus. Code C131839.

Hyperinsulinism due to mutation(s) in the regulatory region of the SLC16A1 gene, encoding monocarboxylate transporter 1 (MCT1). The mutation(s) result in aberrant expression of MCT1 in the beta cell, leading to inappropriate insulin secretion and hypoglycemia triggered by anaerobic exercise.