

Current Perspectives of Bemtil Use in Sport

Authors : S. Ivanova, K. Ivanov

Abstract : Bemtil (2-ethylthiobenzimidazole hydrobromide) is a synthetic adaptogen and actoprotector, with wide-ranging pharmacological activities such as nootropic, antihypoxic, antioxidant, immunostimulant. The intake of Bemtil increases mental and physical performance and could be applied under either normal or extreme conditions. Until 2017 Bemtil was not considered as doping and was used by professional athletes more than 30 years because of its high efficiency and safety. The drug was included in WADA monitoring programme for 2018, and most likely it would be included in WADA Prohibited List for 2019. Usually, a substance/method is included in WADA Prohibited List if it meets any two of the following three criteria: the potential to enhance or enhances sports performance/ potential health risk to the athlete/ violates the spirit of sport. Bemtil has high performance-enhancing potential, but it is also safe- it is controversial whether it should be considered as doping.

Keywords : doping, bemtil, sport, actoprotector

Conference Title : ICMSS 2018 : International Conference on Medicine and Science in Sports and Exercise

Conference Location : Amsterdam, Netherlands

Conference Dates : May 10-11, 2018