LGD 4033
Item No. 9002046

CAS Registry No.: 1165910-22-4
Formal Name: 4-[(2R)-2-[(1R)-2,2,2-trifluoro-1-hydroxyethyl]-1-pyrrolidinyl]-2-(trifluoromethyl)-benzonitrile
MF: C_{14}H_{12}F_{6}N_{2}O
FW: 338.3
Purity: ≥98%
UV/Vis.: λ_{max}: 224, 295 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥4 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Description

LGD 4033 is an orally bioavailable, nonsteroidal selective androgen receptor modulator (SARM) that binds to the androgen receptor with a K_{i} value of 1 nM. In animal models, LGD 4033 displays robust selectivity for muscle versus prostate tissues, anabolic activity in the muscle, and anti-resorptive and anabolic activity in bone. LGD 4033 has been abused as a performance-enhancing drug and the identification of its in vitro metabolites has been described. This product is intended for research and forensic applications.

References