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_6N_2O
FW: 338.3
Purity: ≥98%
UV/Vis.: λ_{max}: 224, 295 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: As supplied, 2 years from the QC date provided on the Certificate of Analysis, when stored properly

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