Ralaniten triacetate

Cat. No.: HY-123875A
CAS No.: 1637573-04-6
Molecular Formula: C₇₇H₃₃ClO₈
Molecular Weight: 521
Target: Androgen Receptor
Pathway: Others
Storage: Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

Description
Ralaniten triacetate (EPI-506), the pro-drug of Ralaniten, is a first-in-class, orally active androgen receptor (AR) N-terminal domain (NTD) inhibitor. Ralaniten triacetate shows activity against both full length and resistance-related AR species, including AR-v7[1][2].

In Vitro
Ralaniten triacetate (EPI-506) targets the N-terminal domain of the androgen receptor (AR), and is used for metastatic castration-resistant prostate cancer (mCRPC) research. EPI-506 is a first-in-class, highly-specific small molecule that binds to a novel target on the AR, the N-terminal domain (NTD) and directly inhibits AR transcriptional activity by blocking the interaction of the AR with transcriptional proteins[2].

REFERENCES
