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Data Sheet

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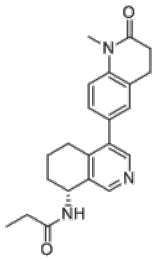
Product Name	:	Baxdrostat
Cat. No.	:	PC-38384
CAS No.	:	1428652-17-8
Molecular Formula	:	$C_{22}H_{25}N_3O_2$
Molecular Weight	:	363.461
Target	:	Other Targets
Solubility	:	10 mM in DMSO



1. Bogman K, Schwab D, Delporte ML, Palermo G, Amrein K, Mohr S, et al.

Biological Activity

Baxdrostat (CIN-107, RO6836191) is a highly potent, selective, and competitive small molecule inhibitor of **aldosterone synthase** (**CYP11 B2**, steroid 18-hydroxylase) with Ki of 13 nM, >100-fold over 11β-hydroxylase.
Baxdrostat (CIN-107, RO6836191) inhibited aldosterone synthesis without affecting the adrenocorticotropic hormone–induced rise in cortisol.
Baxdrostat (CIN-107, RO6836191) suppresses aldosterone production completely in humans without affecting cortisol production.

References

Preclinical and early clinical profile of a highly selective and potent oral inhibitor of aldosterone synthase (CYP11B2). ***Hypertension***. 2017;69:189–96.