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Data Sheet

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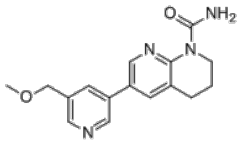
Product Name	:	BI 689648
Cat. No.	:	PC-60700
CAS No.	:	1633009-87-6
Molecular Formula	:	$C_{16}H_{18}N_4O_2$
Molecular Weight	:	298.346
Target	:	Cytochrome P450 (CYPs)
Solubility	:	10 mM in DMSO



Biological Activity

BI 689648 is a potent, selective, orally active **aldosterone synthase** (**CYP11B2**) inhibitor with IC50 of 2 nM, displays 150-fold selectivity over related cortisol synthase ((CYP11B1).
BI 689648 demonstrates good in vivo profiling used an adrenocorticotropin-challenge model in which BI 689648 is >20-fold more selective compared with FAD286 and LCI699.

References

Weldon SM, et al. ***J Pharmacol Exp Ther***. 2016 Oct;359(1):142-50.

E-mail: tech@probechem.com