

Product Datasheet

AT2 receptor agonist C21 (orb1707632)

Catalog Number	orb1707632
Category	Small Molecules
Description	Buloxibutid (C21) is a selective AT2 receptor agonist with high affinity ($K_i = 0.4$ nM) and significant selectivity over the AT1 receptor. It is a valuable research tool for investigating the renin-angiotensin system in models of cardiovascular and renal disease, fibrosis, and inflammation, both in vitro and in vivo.
Target	RAAS
Purity	98.58% (May vary between batches)
MW	475.62
Target Areas	RAAS
Solubility (25°C)	DMSO:22.5 mg/mL (47.31 mM);10% DMSO+40% PEG300+5% Tween-80+45% Saline:2 mg/mL (4.21 mM)
CAS Number	477775-14-7
Formula	$C_{23}H_{29}N_3O_4S_2$
SMILES	<chem>CCCCOC(=O)NS(=O)(=O)c1sc(CC(C)C)cc1-c1ccc(Cn2ccnc2)cc1</chem>
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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