

## AHU-377 hemicalcium salt

产品编号: D51123

CAS: 1369773-39-6

分子式: C<sub>48</sub>H<sub>56</sub>CaN<sub>2</sub>O<sub>10</sub>

纯度: ≥98%

InChi: InChI=1S/2C<sub>24</sub>H<sub>29</sub>NO<sub>5</sub>.Ca/c2\*1-3-30-24(29)17(2)15-21(25-22(26)13-14-23(27)28)16-18-9-11-20(12-10-18)19-7-5-4-6-8-19;/h2\*4-12,17,21H,3,13-16H2,1-2H3,(H,25,26)(H,27,28);/q;;+2/p-2/t2\*17-,21+;/m11./s1

InChi Key: DDLCKLBRBPYKQS-OXXXZDCLSA-L

Smiles: [Ca+2].C[C@H](C[C@@H](CC1C=CC(=CC=1)C1C=CC=CC=1)NC(=O)CCC([O-])=O)C(=O)OCC.C[C@H](C[C@@H](CC1C=CC(=CC=1)C1C=CC=CC=1)NC(=O)CCC([O-])=O)C(=O)OCC

外观: 固体粉末

作用通路: Neprilysin

溶解性: Soluble in DMSO (10 mg/mL) and in ethanol (5mg/mL).

保存条件: Store in dry, dark place for one year.

产品介绍: AHU-377 hemicalcium salt is angiotensin receptor neprilysin inhibitor being studied for use in combination with valsartan for heart failure. Sacubitril is a prodrug that is activated to LBQ657 by de-ethylation via esterases. LBQ657 inhibits the enzyme neprilysin, which is responsible for the degradation of atrial and brain natriuretic peptide, two blood pressure lowering peptides that work mainly by reducing blood volume.