

AHU377钙盐CAS: 1369773-39-6原料供应发货南京工厂

产品名称	AHU377钙盐CAS: 1369773-39-6原料供应发货南京工厂
公司名称	南京辰瑞晟生物医药科技有限公司
价格	.00/件
规格参数	品牌:CRS 型号:CMO 产地:国产
公司地址	南京市雨花台区安德门大街57号楚翘城5幢503-008室（注册地址）
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产品详情

中文名	AHU-377 hemicalcium salt
英文名	AHU-377 hemicalcium salt
别名	沙库必曲钙盐HU377钙盐AHU377钙盐原研534-06LCZ696中间体 LCZ696中间体(AHU-377钙盐)AHU-377 钙盐1369773-39-6 (2R,4S)-5-(联苯-4-基)-4-(氨基)-5-(3-羧基-丙酰基氨基)-2甲基-戊酸乙酯钙盐
英文别名	(alphaAHU-377 hemicalcium saltAHU-377 (heMicalcium salt) LCZ696(valsartan + sacubitril) impurity 1 Ethyl (R, S)- -[(3-carboxy-1-oxopropyl)amino]- -methyl-[1,1'-biphenyl]-4-pentanoate hemicalcium saltCalciumbis(4-[[[(1S,3R)-1-([1,1'-biphenyl]-4-ylmethyl)-4-ethoxy-3-methyl-4-oxobutyl] amino} -4-oxobutanoate)
CAS	1369773-39-6
化学式	C48H56CaN2O10
分子量	861.04364
熔点	>140 ° C (dec.)
溶解度	DMSO (Slightly, Heated), Methanol (Slightly)
存储条件	-20 ° C
外观	powder
颜色	white to beige

the ethyl ester into the active neprilysin inhibiting metabolite LBQ657. The inactive NEPi precursor, Sacubitril hemicalcium salt, does not inhibit collagen accumulation in fibroblasts nor cardiac myocyte hypertrophy. In cardiac fibroblasts, the active NEPi LBQ657 had no discernible effects. In contrast, LBQ657 modestly inhibits cardiac myocyte hypertrophy.

体内研究

Sacubitril (AHU-377) (molecular weight 456.5) is a prodrug of the active metabolite LBQ657. Sacubitril is a neprilysin inhibitor and a renin inhibitor. Sacubitril (AHU-377) is converted to the active metabolite LBQ657 by neprilysin. The half-life of Sacubitril (AHU-377) is 9.9-11.1 h. In vehicle-treated dogs, ANF increases urinary sodium excretion from 17.3 ± 3.6 to 199.5 ± 18.4 $\mu\text{equiv/kg/min}$. This effect is potentiated significantly in animals which receive Sacubitril (AHU-377). Urinary volume is also potentiated in animals which receive an iv administration of Sacubitril (AHU-377).