



LKT Laboratories, Inc.

## AHU-377 Tris Salt

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### Product Information

Product ID A3080

CAS No. 149709-62-6

**Chemical Name**

Synonym AHU377, Sacubitril

Formula  $C_{24}H_{29}NO_5 \cdot C_4H_{11}NO_3$

Formula Wt. 532.63

Melting Point

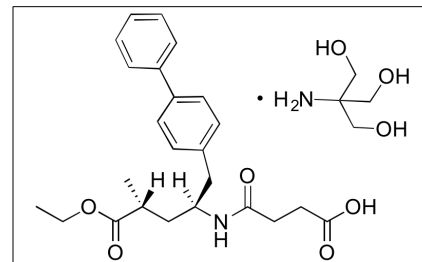
Purity  $\geq 99\%$

Solubility Soluble in DMSO

Store Temp  $-20^{\circ}C$

Ship Temp Ambient

**Description** AHU-377 is a prodrug that is metabolized to the active form, LBQ657; this compound inhibits neprilysin, preventing degradation of atrial natriuretic peptide (ANP) and brain-derived natriuretic peptide (BNP). AHU-377 displays vasodilatory and antihypertensive properties. AHU-377 is currently in clinical trials as a potential treatment for several cardiovascular indications such as congestive heart failure (CHF) and hypertension.



**Bulk quantities available upon request**

Product ID	Size
A3080	1 mg
A3080	5 mg
A3080	10 mg

**References** Vardeny O, Miller R, Solomon SD. Combined neprilysin and renin-angiotensin system inhibition for the treatment of heart failure. JACC Heart Fail. 2014 Dec;2(6):663-70. PMID: 25306450.

Monge M, Lorthioir A, Bobrie G, et al. New drug therapies interfering with the renin-angiotensin-aldosterone system for resistant hypertension. J Renin Angiotensin Aldosterone Syst. 2013 Dec;14(4):285-9. PMID: 24222656.

Ruilope LM, Dukat A, Böhm M, et al. Blood-pressure reduction with LCZ696, a novel dual-acting inhibitor of the angiotensin II receptor and neprilysin: a randomised, double-blind, placebo-controlled, active comparator study. Lancet. 2010 Apr 10;375(9722):1255-66. PMID: 20236700.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.