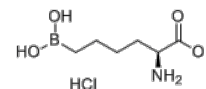


Product Name : ABH hydrochloride
Cat. No. : PC-70087
CAS No. : 194656-75-2
Molecular Formula : $C_6H_{14}BNO_4 \cdot HCl$
Molecular Weight : 211.45
Target : Arginase
Solubility : 10 mM in DMSO



Biological Activity

ABH hydrochloride is a potent, selective human **Arginase** inhibitor with K_i of 0.25 μM (pH=7.5), 8.5 nM (pH=9.5) for type II arginase.

ABH hydrochloride inhibits the LPS-induced increases in pulmonary IL-8, neutrophils, and goblet cells as well as airway fibrosis.

ABH hydrochloride prevents LPS-induced right ventricular hypertrophy, indicative of pulmonary hypertension in a guinea pig model of COPD.

References

Colleluori DM, et al. *Biochemistry*. 2001 Aug 7;40(31):9356-62.

Baggio R, et al. *J Pharmacol Exp Ther*. 1999 Sep;290(3):1409-16.

Pera T, et al. *J Pharmacol Exp Ther*. 2014 May;349(2):229-38.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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