

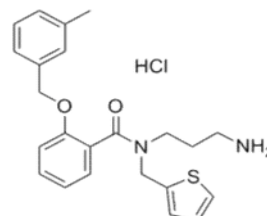
# Certificate of Analysis



## Product Identification

**Catalog number** HB1167  
**Compound name** AMTB Hydrochloride  
**Chemical name** N-(3-Aminopropyl)-2-[(3-methylphenyl)methoxy]-N-(2-thienylmethyl)benzamide hydrochloride  
**Batch number** E0522-4-3  
**Batch molecular formula** C<sub>23</sub>H<sub>26</sub>N<sub>2</sub>O<sub>2</sub>S.HCl  
**Batch molecular weight** 430.99

## Chemical Structure



## Method

## QC requirement

## QC Result

<b>HPLC</b>	HPLC shows more than 98% purity by RP analysis	Meets specification: >99% by LCMS
<b>NMR</b>	300MHz <sup>1</sup> H spectrum in CDCl <sub>3</sub> confirms structure and shows <1% of any other impurity	Meets specification
<b>Physical appearance</b>	Off-White to pale yellow solid	Meets specification: Pale Yellow Solid
<b>Solubility</b>	Soluble in water to 100 mM and DMSO to 100mM	Meets specification
<b>Mass spectrum</b>	Analysis shows mass ion corresponding to [M+H] <sup>+</sup>	Meets specification: Mass ion: 395

## Biological validation

**Produced by** Huw Davies

**Signature**

**Passed by** Steve Roome

**Signature**

**Date**

06-09-16

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.