

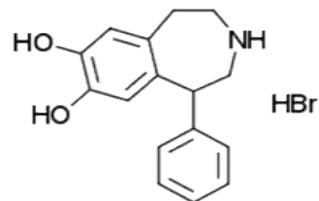
# Certificate of Analysis



## Product Identification

Catalog number	HB1840
Compound name	SKF38393 hydrobromide
Chemical name	(±)-1-Phenyl-2,3,4,5-tetrahydro-(1H)-3-benzazepine-7,8-diol hydrobromide
Batch number	E0620-4-1
Batch molecular formula	C <sub>16</sub> H <sub>17</sub> NO <sub>2</sub> ·HBr
Batch molecular weight	336.20

## Chemical Structure



## Method

## QC requirement

## QC Result

<b>HPLC</b>	Reverse Phase HPLC shows >98% purity	Meets specification: 99.5%
<b>NMR</b>	<sup>1</sup> H NMR in DMSO at 400 MHz consistent with structure	Meets specification
<b>Mass spectrum</b>	Electrospray positive analysis consistent with structure	Meets specification
<b>Microanalysis</b>	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
<b>TLC</b>	TLC analysis in 1:1 PAW:BuOH shows one spot under ninhydrin	Meets specification: R <sub>f</sub> =0.75
<b>Physical appearance</b>	White to off-white solid	Meets specification: White solid
<b>Solubility</b>	Soluble in water (25 mM) and in DMSO (100 mM)	Meets specification

## Biological validation

Produced by

Signature

Passed by

Signature

Date

23-05-17

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