

# Certificate of Analysis

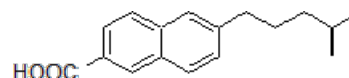


## Product Identification

Catalog number HB6158  
Compound name UBP 684  
Chemical name 6-(4-methylpentyl)naphthalene-2-carboxylic acid

Batch number E0662-1-4  
Batch molecular formula  $C_{17}H_{20}O_2 \cdot 0.1H_2O$   
Batch molecular weight 258.15

## Chemical Structure



## Method

## QC requirement

## QC Result

|                     |   |                                  |
|---------------------|---|----------------------------------|
| HPLC                | Reverse Phase HPLC shows >98% purity                              | Meets specification: 100%        |
| NMR                 | $^1H$ NMR in DMSO at 400 MHz consistent with structure            | Meets specification              |
| Microanalysis       | Elemental analysis is within 0.4% for the batch molecular formula | Meets specification              |
| TLC                 | TLC analysis in 5% MeOH/DCM + 1% NEt3 shows one spot under uv     | Meets specification: $R_f=0.6$   |
| Physical appearance | White to off-white solid  | Meets specification: White solid |
| Solubility          | Soluble in DMSO (100 mM)  | Meets specification              |

## Biological validation

Produced by

Signature

Passed by

Signature

Date

03-11-17

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