

## CERTIFICATE OF ANALYSIS

### N-p-coumaroyl-N'-caffeoylputrescine

[ **Catalog No.** ] CFN99238

[ **CAS No.** ] 1138156-77-0

[ **Purity** ]  $\geq 98\%$

[ **M.F** ]  $C_{22}H_{24}N_2O_5$

[ **Physical Description** ] Powder

[ **Solvent** ] Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

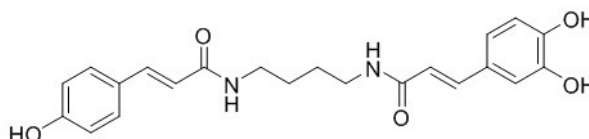
[ **Weight** ] 5mg

[ **Lot No.** ] CFS202002

[ **Storage** ] Protected from air and light, refrigerate or freeze(2-8 °C)

[ **Intended Use** ] For laboratory use only

[ **Shelf Life** ] 2 years



[ **Chemical Structure** ]

[ **Characterization Data Summary** ]

Analytical Test	Results
Identification by $^1H$ -NMR, HPLC	Consistent with the above structure
Purity tested	$\geq 98\%$

**Authorized Signature:**

**Date:**