


## Certificate of Analysis

Catalog Number	BP12922
Product Name	FC131 TFA (606968-52-9 free base)

## Physical and Chemical Properties

Synonyms	FC131 TFA
Chemical Formula	C <sub>38</sub> H <sub>48</sub> F <sub>3</sub> N <sub>11</sub> O <sub>8</sub>
Molecular Weight	843.85
Solubility	DMSO: 250 mg/mL (296.26 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	FC131 TFA is an antagonist of CXCR4 that inhibits the binding of [125I] -sdf-1 to CXCR4(IC <sub>50</sub> : 4.5 nM ), and has anti-hiv activity.
Targets&IC <sub>50</sub>	[125I]-SDF-1-CXCR4:4.5 Nm

## Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure

Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.
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