

## **Certificate of Analysis**

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 Product Name
 : TAK-981

 Cat. No.
 : PC-72802

 CAS No.
 : 1858276-04-6

 Batch No.
 : PC-7280201

Chemical Name : Sulfamic acid, [(1R,2S,4R)-4-[[5-[[4-[(1R)-7-chloro-1,2,3,4-tetrahydro-1-isoquinolinyl]-5-

methyl-2-thienyl]carbonyl]-4-pyrimidinyl]amino]-2-hydroxycyclopentyl]methyl ester

## **PHYSICAL AND CHEMICAL PROPERTIES**

**Molecular Weight :** 578.099

**Molecular Formula** :  $C_{25}H_{28}CIN_5O_5S_2$ 

**Storage** : Powder -20°C 12 Months

4°C 6 Months

In solvent -80°C 6 Months

-20°C 6 Months

Chemical Structure :

CI NH HO O NH2

## **ANALYTICAL DATA**

Appearance : Solid powder

H NMR Spectrum : Consistent with
HPLC : Consistent with
NP : Consistent with

Purity (HPLC and/or LCMS) : >98%

**Conclusion** : The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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