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# Certificate of Analysis

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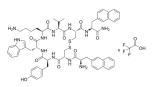
# BIM 23042 (TFA)

Cat. No.:	HY-103277A
Batch No.:	339304
Chemical Name:	L-Alaninamide, 3-(2-naphthalenyl)-D-alanyl-L-cysteinyl-L-tyrosyl-D-tryptophyl-L-lysyl-L-valyl-L-
	cysteinyl-3-(2-naphthalenyl)-, cyclic (2→7)-disulfide (TFA)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>63</sub> H <sub>73</sub> N <sub>11</sub> O <sub>9</sub> S <sub>2</sub> .xC <sub>2</sub>	<sub>2</sub> HF <sub>3</sub> O <sub>2</sub>	
Molecular Weight:	1192.45 (free base)		
Storage:	Sealed storage, away from moisture and light		
	Powder	-80°C	2 years
		-20°C	1 year
	* In solvent : -80°C,	6 months;	-20°C, 1 month (sealed storage, away from moisture and light)

### **Chemical Structure:**



### **ANALYTICAL DATA**

Appearance:	White to off-white (Solid)
MS:	Consistent with structure
Purity (HPLC):	99.92%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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