

1. Identification

Catalogue Number

F792580

Lot Number

3-AXF-75-5

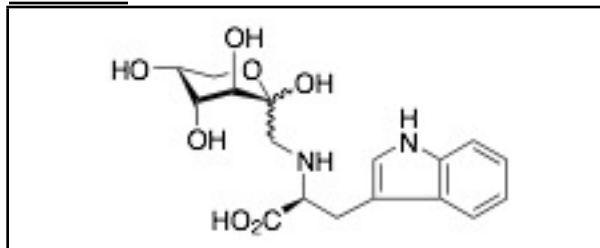
Product Name

Fructose-tryptophan (Mixture of Diastereomers)

Synonyms

N-(1-Deoxy-D-fructos-1-yl)-L-tryptophan; (S)-1-[[1-Carboxy-2-(1H-indol-3-yl)ethyl]amino]-1-deoxy-D-fructose; D-Fructose-tryptophan; Fructose-L-tryptophan;

Structure



CAS Number

25020-15-9

Solubility

DMSO (Slightly), Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₇H₂₂N₂O₇

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

366.37

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

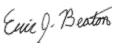
Tests	Specifications	Results
Appearance	Pale Beige to Yellow Solid	Pale Beige Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 51.28, %H: 6.31, %N: 6.90
HPLC Purity	>95%	97.61% (220 nm)
MS	Conforms to Structure	Conforms
Water Content	Report Result	7.7% by Karl Fischer

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by	Reviewed by	C of A Approved by	Test Date	Retest Date
			4/26/2021	4/24/2031
Eric Beaton	Toni Rantanen	My Nguyen		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		