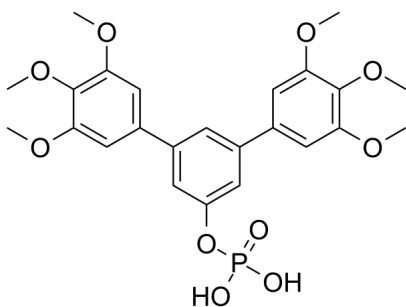


## Certificate of Analysis

Catalog Number	BP15258
Product Name	Stafia-1

## Physical and Chemical Properties

CAS No.	2582757-90-0
Chemical Formula	C <sub>24</sub> H <sub>27</sub> O <sub>10</sub> P
Molecular Weight	506.44
Solubility	DMSO: 250 mg/mL (493.64 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	Stafia-1 is a potent STAT5a inhibitor (IC <sub>50</sub> =22.2 μM). Stafia-1 displays high selectivity over STAT5b and other STAT family members.
Targets&IC <sub>50</sub>	STAT5a:22.2 μM

## 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.

Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<http://www.purduebio.com>

1-877.618.7311

info@purduebio.com

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