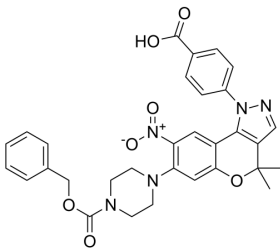


Certificate of Analysis

Product Name:	Lin28-let-7a antagonist 1
Cat. No.:	CS-0019978
CAS No.:	2024548-03-4
Batch No.:	80846
Chemical Name:	1-Piperazinecarboxylic acid, 4-[1-(4-carboxyphenyl)-1,4-dihydro-4,4-dimethyl-8-nitro[1]benzopyrano[4,3-c]pyrazol-7-yl]-, 1-(phenylmethyl) ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₃₁ H ₂₉ N ₅ O ₇
Molecular Weight:	583.59
Storage:	Storage temp. 2-8°C
Chemical Structure:	



ANALYTICAL DATA

Appearance:	Light yellow to yellow (Solid)
¹H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.48%
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.

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA