

Certificate of Analysis

Product Name: HIV-1 integrase inhibitor

Cat. No.: CS-0461 **CAS No.:** 544467-07-4

Batch No.: 04415

Chemical Name: 2-Butenoic acid, 4-[3-(azidomethyl)phenyl]-2-hydroxy-4-oxo-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{11}H_9N_3O_4$ **Molecular Weight:** 247.21

Storage: Storage temp. 2-8°C

Chemical Structure:

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 97.06%

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

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