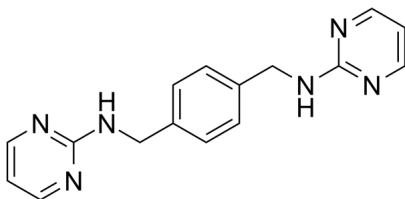


Certificate of Analysis

Catalog Number	BP12879
Product Name	MSX-122

Physical and Chemical Properties

Synonyms	MSX 122, MSX122
CAS No.	897657-95-3
Chemical Formula	C ₁₆ H ₁₆ N ₆
Molecular Weight	292.346
Solubility	DMSO: 10 mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	MSX-122 is a novel small molecule and partial CXCR4 antagonist, with potent inhibition of CXCR4/CXCL12 actions (IC ₅₀ = 10 nM).
-------------	--------------------------------------------------------------------------------------------------------------------------------------------

Targets&IC50	CXCR4:10 nM , CXCL12:10 nM
--------------	----------------------------

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

<https://www.purduebio.com>

1-877.618.7311

info@purduebio.com

v2 Revision on 12/28/2022