

DIRECTED DRUG DISCOVERY™

LOPAC¹²⁸⁰™: A Versatile Library for Assay Validation and High Throughput Screening

Accelerate your drug discovery process by validating your assay with proven pharmacologically-active compounds. Improve screening efficiency with the newly expanded version of the Sigma-RBI Library of Pharmacologically Active Compounds. Like its predecessor (LOPAC⁶⁴⁰™), LOPAC¹²⁸⁰™ allows you to validate your high throughput screening assays with high purity, small organic ligands with well documented pharmacological activities. The addition of compounds in areas such as apoptosis and phosphorylation broaden the application range of LOPAC¹²⁸⁰™ to assays dealing with the hottest areas of Cell Signaling & Neuroscience research.

Save time and money by reducing the number of false leads from your screen.

Guide secondary screening of larger, more diverse libraries by using compounds with pharmaceutically-relevant structures.

Explore the activity of well-characterized compounds directed at orphan receptors.

LOPAC¹²⁸⁰™

Library of Pharmacologically-Active Compounds

Prod. No. **LO1280** (Please refer to Prod. No. **LO3300** outside the US)

Easy-to-use collection of well-characterized, small organic ligands

Compounds are arranged in 96-well format in 16 racks of 80, one compound per well (250 µl at 10 mM in DMSO).

Updated and expanded to include the latest, drug-like molecules in the fields of Cell Signaling & Neuroscience:

- | | | |
|---------------------|--------------------------------|-------------------------|
| ◆ Antibiotics | ◆ Gene Regulation & Expression | ◆ Multi-Drug Resistance |
| ◆ Apoptosis | ◆ Ion Channels | ◆ Neurotransmission |
| ◆ Calcium Signaling | ◆ Lipid Signaling | ◆ Phosphorylation |

SD File* Provided to Construct a Database Containing:

- | | | |
|----------------------------|------------------|----------------------------|
| ◆ Structure | ◆ Primary Name | ◆ Rack Position |
| ◆ Pharmacological Activity | ◆ Secondary Name | ◆ Sigma-RBI Product Number |

*Technical information for each compound is provided in standard SD file format for use with ISIS/Base or other compatible software (software not provided).

Our Combined Strengths...Your Resource for Drug Discovery

For additional information, please visit

sigma-aldrich.com/drugdiscovery

Editorial Board

Scientific Editor:
Managing Editor:
Layout/Design/Production:

Keith J. Watling, Ph.D.
Julie L. Coughlan
Diane Ward

Three Strathmore Road, Natick, MA 01760-2447 USA

Net: sigma-aldrich.com

© 2004 by Sigma-RBI, A Member of the Sigma-Aldrich® Family. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, photocopying, recording, or otherwise, without the prior written permission of the copyright holder. Sigma brand products are sold through Sigma-Aldrich, Inc. Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply. Please see reverse side of the invoice or packing slip.