# PRODUCT DATA SHEET

#### ICCB known bioactives library **BML-2840**

**Product Number/Sizes** 

BML-2840-0100 1 Library 100 µl/well

The ICCB Known Bioactives Library is an important product for use in chemical genetics and drug discovery. The library is a collection of 480 diverse biologically active compounds with defined biological activity and was developed in collaboration with the Harvard Institute of Chemistry and Cell Biology. It includes the following classes of compounds: GPCR ligands, Second messenger modulators, Nuclear receptor ligands, Actin & tubulin modulators, Kinase inhibitors, Protease inhibitors, Ion channel blockers, Gene regulation agents, Lipid biosynthesis inhibitors, many other classes. Each compound is supplied dissolved in DMSO at 100µL and is ready for assaying. The library can be used for assay development and validation, mechanism profiling, lead screening or as a reference library.

Contact compoundlibraries@enzolifesciences.com for a complete list of compounds in the library.

For details on the terms of use of this product, click here.

# **Product Specifications**

CONCENTRATION: DMSO solutions (concentration vary by compound and are

provided in the documentation)

QUANTITY:

KIT/SET CONTAINS: 480 compounds. Includes compounds that affect most cellular

processes and drug targer classes, including: GPCR ligands, Second messenger modulators, Nuclear receptor ligands, Actin and tubulin modulators, Kinase inhibitors, Protease inhibitors, Ion channel blockers, Gene regulation agents, Lipid biosynthesis inhibitors, Phosphodiesterase inhibitors, and many other classes.

LONG TERM STORAGE: -80°C

# **Product Literature References**

Disease allele-dependent small-molecule sensitivities in blood cells from monogenic diabetes S.Y. Shaw et al. Proc. Natl. Acad. Sci. USA 108 492 (2011)

High-content chemical and RNAi screens for suppressors of neurotoxicity in a Huntington's disease model J. Schulte et al. PLoS One 6 e23841 (2011)

Chemical genetics reveals bacterial and host cell functions critical for type IV effector translocation by Legionella pneumophila X. Charpentier et al. PLoS Pathog. 5 e1000501 (2009)

Identification of AML1-ETO modulators by chemical genomics S.M. Corsello Blood 113 6193 (2009)

## **Background/Technical Information**

Please click here for the comprehensive product data sheet.

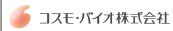
Revised 22-Feb-12

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

MATERIAL SAFETY DATA: This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Before use, the user must review the complete Material Safety Data Sheet.

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