

PRODUCT DATA SHEET

BML-2840

ICCB known bioactives library

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:	100µl per well
KIT/SET CONTAINS:	480 compounds. Includes compounds that affect most cellular processes and drug target 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.

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 コスモ・バイオ株式会社

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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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