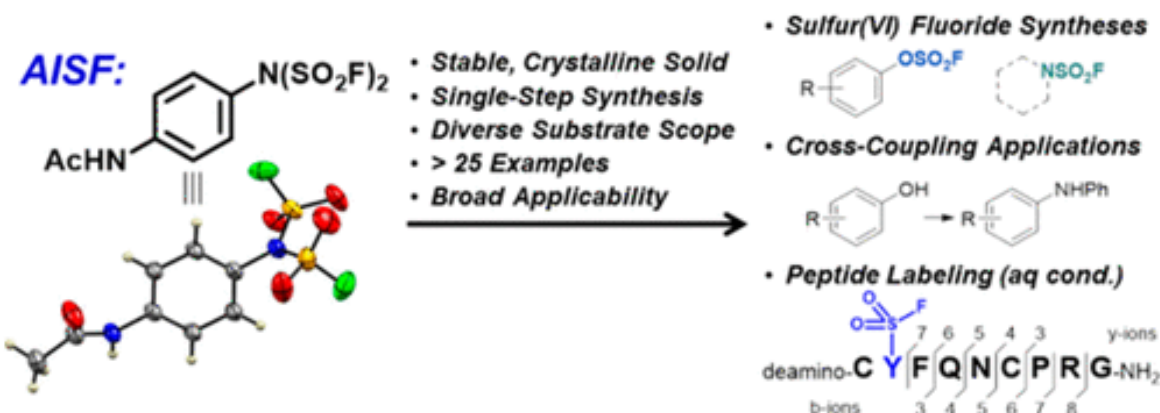


Reagent Developed in Collaboration with Pfizer Inc. Now Commercially Available

Fluorosulfates have found immense applications from chemical biology to polymer chemistry, but the potential of this valuable functional group has previously not been fully evaluated or broadly adopted. The challenge to installing this functional group is the traditional method of synthesis, which relies on toxic sulfuryl fluoride gas and requires additional safety precautions and specialized equipment.

A new alternative that can facilitate the synthesis of fluorosulfates and sulfamoyl fluorides is now available.



AISF: 4-(Acetylamino)phenyl]imidodisulfonyl difluoride

This commercially viable and environmentally safe product was developed collaboratively with BioDuro and Pfizer Inc., and offers several advantages over conventional methods:

- User-friendly fluorosulfonation reaction set-up
- Excellent substrate scope
- Easily manipulated in an open atmosphere
- Stable at ambient temperature as either a solid or in solution, over a prolonged period of time

The user-friendliness, broad applicability and ease of preparation of AISF will provide utility in preparation of synthetic precursors, chemical biology, polymer chemistry, cross-couplings, and deoxyfluorination.

AISF is currently distributed through [MilliporeSigma](https://www.milliporesigma.com). For more information or to discuss your requirements, please contact us at hello@bioduro.com.

Service Spotlight:

Safety and Toxicology

BioDuro has established several new models for safety and toxicity evaluation, an important component of drug development and a regulatory requirement for IND submission.

[Ames Mutagenicity Test](#)

[Mitochondrial Membrane Potential Assay](#)

[Mitochondrial Biogenesis Assay](#)



Protein Production

BioDuro has built up capability for the production of high quality recombinant proteins to meet our customers' needs for biochemical, biophysical and structural biology (X-ray, NMR) studies.

[Protein Expression & Purification](#)



DMPK/ADME

BioDuro now offers our MDR1-MDCK permeability assay for the identification and characterization of P-gp substrates and inhibitors and to predict brain uptake potential.

[MDR1-MDCK Permeability Assay](#)



Symposium Recap:

Innovative Approaches

to Accelerating Drug Discovery and Development, San Diego, CA

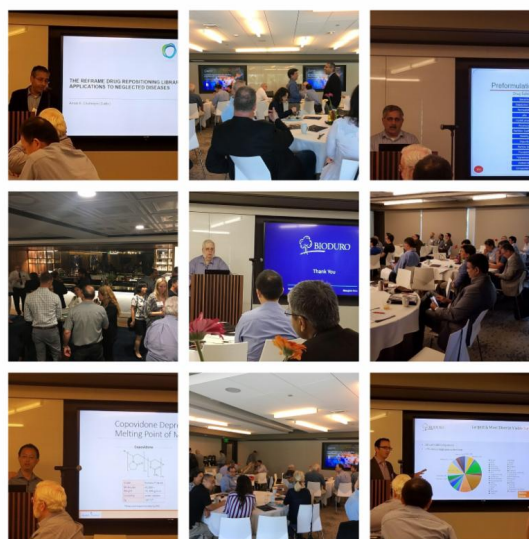
Our recently held symposium, 'Innovative Approaches to Accelerating Drug Discovery and Development' in San Diego, CA brought academia and industry experts together for a day of insightful presentations and discussion on technologies that enable drug discovery and development, and ultimately allow drugs to make it to market.

Thank you to the attendees and speakers who made this event a success!

Special thanks to our speakers:

Why Bother? Downstream Issues Impacting Drug Development

Vince Wachter, Ph.D.
Product Planning and Development



The ReFRAME Drug Repositioning Library: Building and Applications to Neglected Diseases

Arnab Chatterjee, Ph.D.
VP Medicinal Chemistry, Calibr

Paving the Road to the Clinic: Advancing Oncology Drug Development with Translational In Vitro and In Vivo Models

Tommy Broudy, Ph.D.
Co-founder and CEO, Molecular Response

BioDuro Solution Engine: Enabled Formulations Bridging Discovery and Development

Blair West, Ph.D.
Chief Science Officer, Global CMC Solutions, BioDuro

Reactive Melt Extrusion to Improve Properties of Amorphous Solid Dispersions

Feng Zhang, Ph.D.
Assistant Professor of Pharmaceutics, UT Austin

Development of Poorly Soluble Compounds: Discovery to FIH and Later Clinical Development Phases

Hamid Rezai, Ph.D.
Senior Director of Pharmaceutics, Plexxikon Inc.

If you were unable to attend or would like to review the presentations, requests for copies can be made here:

Upcoming Events:

21st Annual San Diego Medicinal Chemistry Symposium

July 20, 2018

San Diego, CA

17th Annual Contracting & Outsourcing Conference & Tabletop Exhibition

September 27-28, 2018

New Brunswick, NJ

AAPS PharmSci 360

November 4-7, 2018

Washington, DC

Visit us at an upcoming event to learn about our products and services by speaking with one of our representatives, or reach out to [arrange a meeting](#).

[Schedule a Meeting](#)

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STAY CONNECTED

