



**Bruker AXS**

*„The Translational Chemistry Core Facility synthesizes compounds and drugs at MD Anderson Cancer Center. Our services include the custom synthesis of new and novel compounds and new analogues of known drugs. We generate chemical libraries for use in chemical biology and chemical genetics and we optimize High-Throughput-Screening hits for lead generation. Molecular modeling supports the design of small molecule inhibitors and docking into molecular targets.*

*The latest addition to our laboratory is the Bruker SMART X2S benchtop diffractometer that has already proved to be an invaluable tool for structure validation. Molecular modeling and small molecule crystallography are complementary – what you think you made is not always what you made. That is why I feel that every patent application for a new drug should be supported by a crystal structure.*

*We now have instant access to this unambiguous method and are able to determine 3D structures in our own lab within a few hours. The instrument delivers superb data and is very easy to use. The SMART X2S is absolutely vital to us!*

Prof. William G. Bornmann

Prof. William G. Bornmann  
Director of the Translational  
Chemistry Core facility  
at MD Anderson Cancer Center  
Houston, Texas



## SMART X2S

- **3D Structures at the touch of a button – Structure validation in drug discovery**

[www.bruker-axs.com](http://www.bruker-axs.com)

Crystallography

think forward

**Contact us for more details and a system demonstration!**  
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