

## Application Focus

# Easy access refrigerator desiccator saves space and valuable reagents

### Challenge:

Easy access to chemicals and reagents stored between 2°C and 8°C

### Application:

#### Biochemistry and Cytochrome Research

In most laboratories refrigerator space is at a premium. The use of traditional bell-shaped or standard cabinet style desiccators for refrigerator storage of temperature & moisture sensitive samples is impractical and inefficient, requiring much of the refrigerator contents to be rearranged or the whole desiccator being removed from the refrigerator for access.

**Example:** A lab requires the use of 1 – (11-Mercaptoundecyl Imidazole) (MUI) during Cytochrome Research. MUI requires cold storage between 2°C & 8°C to maintain activity. Due to the deliquescence of the chemical it becomes 'soggy' when stored in the refrigerator. When stored in a desiccator the chemical retains its powdery form, but storing on the bench at the higher ambient temperature causes degradation and activity loss.



### Solution:

#### Secador® Refrigerator Ready Desiccator F42011-0000

The Secador® Refrigerator Ready Desiccator was specifically designed for cold storage of hygroscopic chemicals and reagents. The slim, long design maximizes refrigerator space, and the pull-out shelves provide easy access to all contents. A downward swinging door with a locking latch that can be operated with one hand eliminates the need to pull the desiccator out of the refrigerator or to rearrange other refrigerator contents to access the chemicals.

For more information visit:

<https://www.belart.com/secador-refrigerator-ready-desiccator.html>

