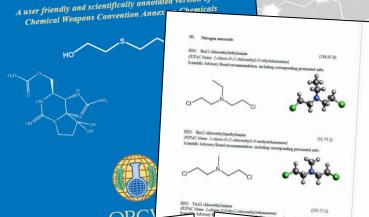


## ORGANISATION FOR THE PROHIBITION OF CHEMICAL WEAPONS

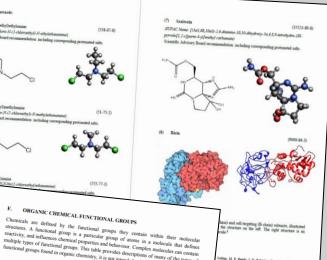


A user friendly and scientifically annotated version of the





**OPCW** 



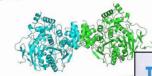
Collins, M. P. Randy, Z. D. Roberton, Crystallographic ster., 2001, 30, 240-250. DOE: 10.1002/pun-160100308 in at: https://www.rch.org/htm/pun-2AAI.



Acetylcholinesterase (AChE) is an enzyme (see also) responsible for breaking down the Acctyrenomeneruse (ACata) is an enzyme [see also] responsible for breaking down the neurotransmitter acctyleholine (ACb) into choline and acetate. AChE is inhibited by the action of nerve agents [see also].

reactivity, and intructives entential properties and netaviour. Compact monetures can contain multiple types of functional groups. This table provides descriptions of many of the types of theoryme types on tuneatorial geologic, it no name provides seem quions or many or many functional groups found in organic chemistry, it is not intended to be comprehensive. Acetal

ORGANIC CHEMICAL FUNCTIONAL GROUPS

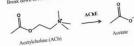






Crystal structure of the dimer of acetyleholinesteraw (AChE) in complex  $\approx 3M3D_{\star}^{12}$ 

Break down of ACh to acetate and choline by AChE:



Behnen, J., Brumbtein, B., Toker, L., Silmun, L., Su structure of Acetylcholinesterase in complex with Xe. 10.2210/pdb3M3D/pdb; www.resb.org/structure/3m3d

