

Dutrowite

Crystal Data: Hexagonal. *Point Group:* 3m.

Physical Properties: *Cleavage:* *Tenacity:* *Fracture:*
Hardness = D(meas.) = D(calc.) =

Optical Properties: *Color:* *Streak:* *Luster:*
Optical Class:

Cell Data: *Space Group:* R3m. *a* = 15.9864(8) *c* = 7.2187(4)

X-Ray Diffraction Pattern: Fornovolasco, Fabbriche di Vergemoli (LU), Apuan Alps, Tuscany, Italy.

2.585 (100), 2.971 (61), 4.00 (60), 4.24 (52), 6.40 (42), 2.048 (41), 1.925 (24), 4.61 (18)

Chemistry:

Polymorphism & Series:

Mineral Group: Tourmaline supergroup.

Occurrence:

Association:

Distribution From the Fornovolasco metarhyolite formation, close to the Boscaccio locality, Fornovolasco, Fabbriche di Vergemoli (LU), Apuan Alps, Tuscany, Italy.

Name:

Type Material: Natural History Museum, Pisa, Italy (19890).

References: (1) Miyawaki, R., F. Hatert, M. Pasero, and S.J. Mills (2020) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 53. New minerals and nomenclature modifications approved in 2020. *Mineral. Mag.*, 84, 159.